# MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
# CONSTRUCTION PLANS FOR PROPOSED
# INTERSTATE 270

## SAINT LOUIS CITY
## SAINT LOUIS COUNTY

T47N R7E

THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE. RELIANCE UPON THIS INFORMATION IS DONE AT THE RISK AND PERIL OF THE USER, AND THE COMMISSION SHALL NOT BE LIABLE FOR ANY DAMAGES THAT MAY ARISE FROM ANY ERROR IN THE INFORMATION. IT IS, THEREFORE, THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE, LOCATION AND STATUS OF ANY FACILITY. SUCH VERIFICATION INCLUDES DIRECT CONTACT WITH THE LISTED UTILITIES.

WATER QUALITY (WQv) AND CHANNEL PROTECTION (CPv) REQUIREMENTS ARE COVERED UNDER MODOT'S TS4 PERMIT

STORMWATER MANAGEMENT FUTURE NOTE:
PROJECT DISTURBANCE = 6.03 ACRES
PROJECT RUNOFF DIFFERENTIAL FOR WATKINS CREEK WS= -0.14 CFS
PROJECT RUNOFF DIFFERENTIAL FOR MISSISSIPPI RIVER WS= 5.49 CFS
ANY FUTURE LAND DISTURBANCE AND/OR INCREASE IN IMPERVIOUS AREA ON THIS SITE MAY REQUIRE ADDITIONAL STORMWATER MANAGEMENT PER MSD REGULATIONS IN PLACE AT THAT TIME (INCLUDING TOTAL LAND DISTURBANCE AND/OR IMPERVIOUSNESS ADDED ON THIS PLAN.)
DETENTION FOR ANY FUTURE DEVELOPMENT SHALL INCLUDE THESE IMPROVEMENTS AS WELL.

## DESIGN DESIGNATION

I-270 WESTBOUND
A.A.D.T. - 2020 = 26,000
A.A.D.T. - 2040 = 30,000
D.H.V. = 12%
T = 18.5%
V = 60 M.P.H.
D = 100%
FUNCTIONAL CLASSIFICATION- INTERSTATE

I-270 EASTBOUND
A.A.D.T. - 2020 = 26,000
A.A.D.T. - 2040 = 32,500
D.H.V. = 12%
T = 18.5%
V = 60 M.P.H.
D = 100%
FUNCTIONAL CLASSIFICATION- INTERSTATE

## FULLY CONTROLLED ACCESS HIGHWAY

FULLY CONTROLLED RIGHT OF WAY TO BE ACQUIRED FOR THIS PROJECT.

THIS SHALL BE A FULLY CONTROLLED ACCESS HIGHWAY, BETWEEN STA. 740+00.00 AND STA. 782+51.01. NO ABUTTING OWNER SHALL HAVE THE RIGHT OF DIRECT ACCESS TO SAID HIGHWAY OR ITS RIGHT-OF-WAY EXCEPT THAT ACCESS WILL BE PERMITTED TO ANY ADJACENT OUTER ROADYWAY OR SERVICE ROAD TO WHICH ACCESS IS NOT SPECIFICALLY PROHIBITED BY THE SPECIAL SYMBOL DENOTING "NO RIGHT OF ACCESS" AS SHOWN ON THE PLANS. NO ACCESS WILL BE PERMITTED FROM OUTER ROADWAYS AND SERVICE ROADS TO THROUGHWAYS EXCEPT ALONG ROUTES CONSTRUCTED FOR THAT PURPOSE. OUTER ROADWAYS AND SERVICE ROADS, AS THE CASE MAY BE, ARE SO DESIGNATED ON THE PLANS.

- BEGINNING AND ENDING OF CONTROLLED ACCESS
- CONTROLLED ACCESS
- NO RIGHT OF ACCESS OR CROSSING OF LINES BEARING THIS SYMBOL WILL BE PERMITTED UNDER ANY CIRCUMSTANCES.

## CONVENTIONAL SYMBOLS
(USED IN PLANS)

| | EXISTING | NEW |
|---|---|---|
| BUILDINGS AND STRUCTURES | | |
| GUARD RAIL | | |
| GUARD CABLE | | |
| CONCRETE RIGHT-OF-WAY MARKER | | |
| STEEL RIGHT-OF-WAY MARKER | | |
| LOCATION SURVEY MARKER | | |
| UTILITIES | | |
| FIBER OPTICS | -FO- | FO |
| OVERHEAD CABLE TV | -OTV- | OTV |
| UNDERGROUND CABLE TV | -UTV- | UTV |
| OVERHEAD TELEPHONE | -OT- | OT |
| UNDERGROUND TELEPHONE | -UT- | UT |
| OVERHEAD POWER | -OE- | OE |
| UNDERGROUND POWER | -UE- | UE |
| SANITARY SEWER | S | S |
| STORM SEWER | SS | SS |
| GAS | G | G |
| WATER | W | W |
| MANHOLE | | SAN |
| FIRE HYDRANT | | HYD |
| WATER VALVE | | WV |
| WATER METER | | WM |
| DROP INLET | | DI |
| DITCH BLOCK | | |
| GROUND MOUNTED SIGN | | SIGN |
| LIGHT POLE | | |
| H-FRAME POWER POLE | | |
| TELEPHONE PEDESTAL | | PED |
| FENCE | | |
| CHAIN LINK | V | |
| WOVEN WIRE | X | |
| GATE POST | | |
| BENCHMARK | | BM |

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

## INDEX OF SHEETS


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| CROSS SECTIONS (XS) | 1-134 |


## LENGTH OF PROJECT

I-270 ℄

| | | |
|---|---|---|
| BEGINNING OF PROJECT | STA. | 735 + 70.18 |
| END OF PROJECT | STA. | 782 + 51.01 |
| APPARENT LENGTH | | 4680.83 FEET |

EQUATIONS AND EXCEPTIONS:
740+00.00 EXISTING I-270 CENTERLINE =
1740+00.25 I-270 EASTBOUND BASELINE =
2739+99.09 I-270 WESTBOUND BASELINE

| | | |
|---|---|---|
| TOTAL CORRECTIONS | 0.00 | FEET |
| NET LENGTH OF PROJECT | 4251.01 | FEET |
| STATE LENGTH | 0.805 | MILES |
| FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES | 34.69 | ACRES |


PRELIMINARY

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.


DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 1 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

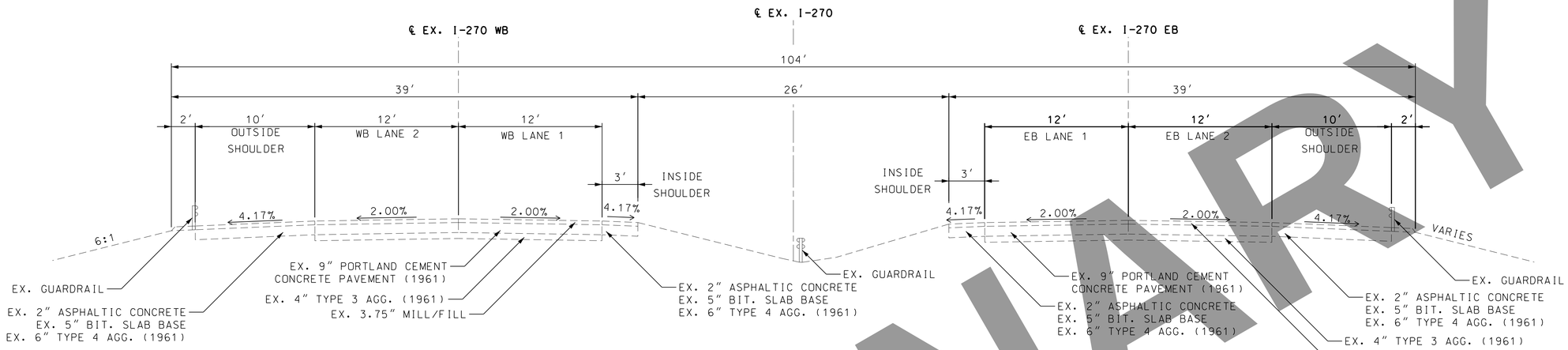
| DESCRIPTION | DATE |
|---|---|
| | |


MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

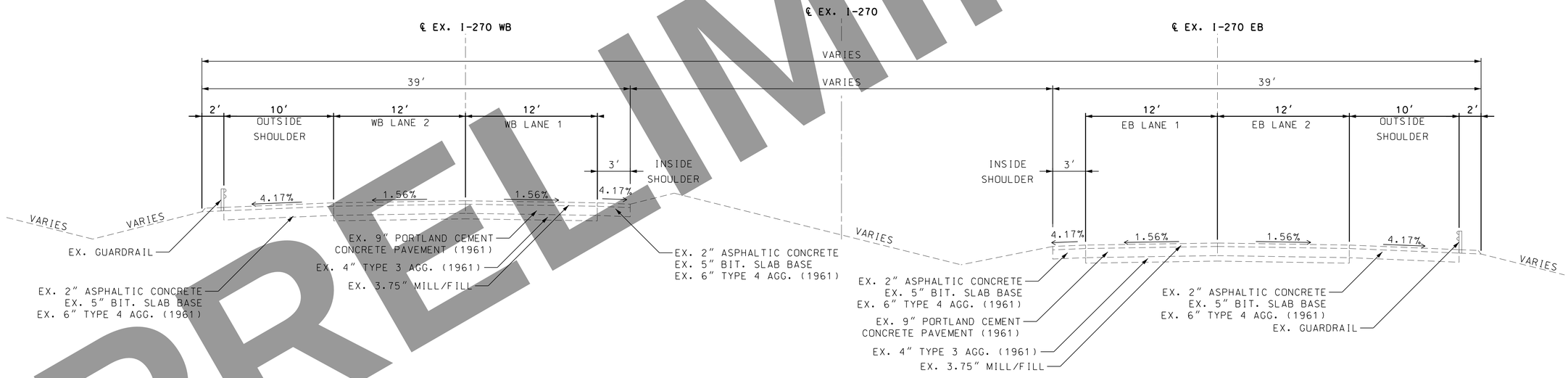
HORNER SHIFRIN
401 S. 18TH ST., STE. 400 ST. LOUIS, MO 63103
314-431-4321 - FAX 314-431-8966
WWW.HORNERSHIFRIN.COM
DISCIPLINE(S): STRUCTURAL ENGINEERING
CERTIFICATE OF AUTHORITY: 000159
EXPIRATION DATE: DECEMBER 31, 2022


I-270 AND RIVERVIEW

TITLE SHEET




## EXISTING TYPICAL SECTION ON TANGENT
## EXIST I-270 STA 735+70.18 TO STA 746+47.78




## EXISTING TYPICAL SECTION ON TANGENT
## EXIST I-270 STA 746+47.78 TO STA 770+20.40

PRELIMINARY

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DATE

DATE PREPARED
3/16/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 2 |

COUNTY
ST. LOUIS CITY/
ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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| DATE | DESCRIPTION |
|---|---|

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JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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401 S. 18TH ST., STE. 400 ST. LOUIS, MO 63103
314-431-4321 - FAX 314-431-6966
WWW.HORNERSHIFRIN.COM
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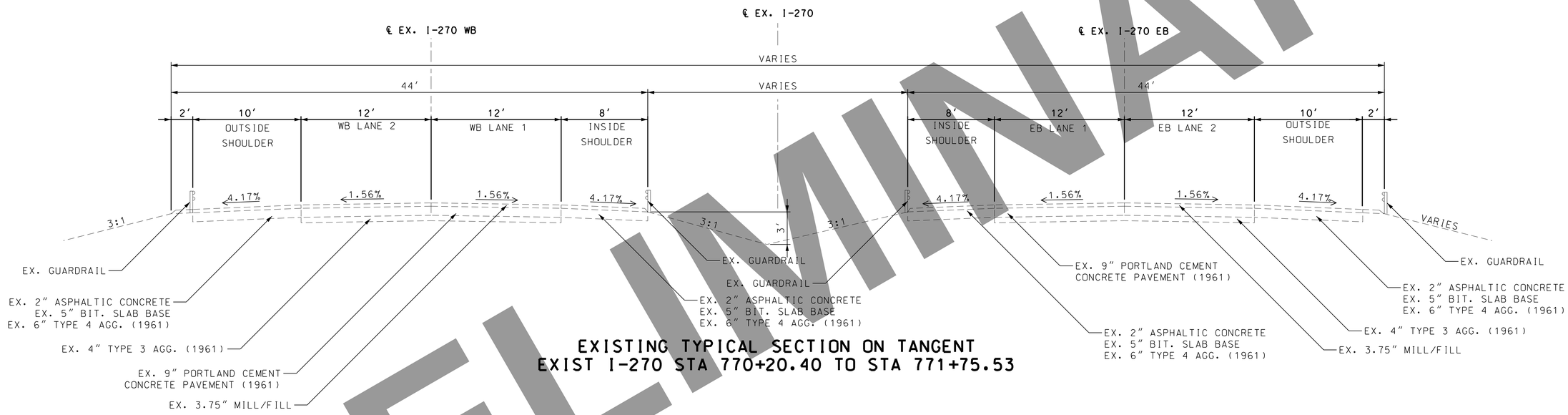
I-270 AND RIVERVIEW

TYPICAL SECTIONS
SHEET 1 OF 15




## EXISTING TYPICAL SECTION ON TANGENT
## EXIST I-270 STA 770+20.40 TO STA 771+75.53

PRELIMINARY

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DATE

DATE PREPARED
3/16/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 2 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

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MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HORNER SHIFRIN
401 S. 18TH ST., STE. 400 ST. LOUIS, MO 63103
314-631-4321 - FAX 314-631-6966
WWW.HORNERSHIFRIN.COM
DISCIPLINE(S) PROFESSIONAL ENGINEERING
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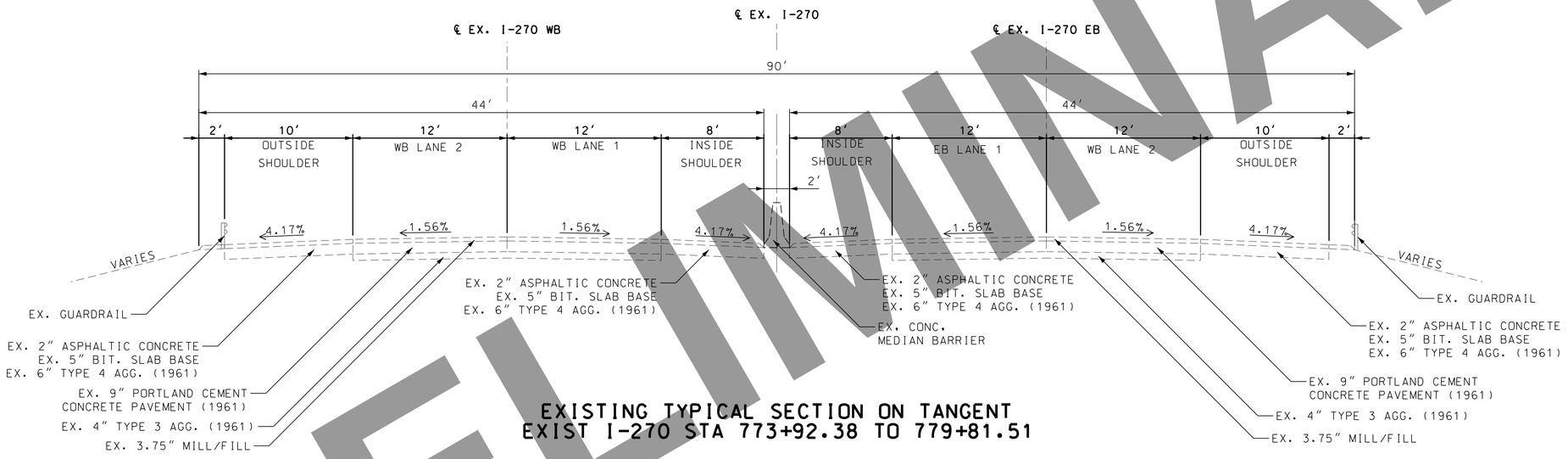
I-270 AND RIVERVIEW

TYPICAL SECTIONS
SHEET 2 OF 15




## EXISTING TYPICAL SECTION ON TANGENT
## EXIST I-270 STA 773+92.38 TO 779+81.51

PRELIMINARY

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DATE

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|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 2 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

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PROJECT NO.

BRIDGE NO.

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MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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401 S. 18TH ST., STE. 400 ST. LOUIS, MO 63103
314-431-4321 - FAX 314-431-8966
WWW.HORNERSHIFRIN.COM
DISCIPLINE(S): PROFESSIONAL ENGINEERING
CERTIFICATE OF AUTHORITY: F-001169
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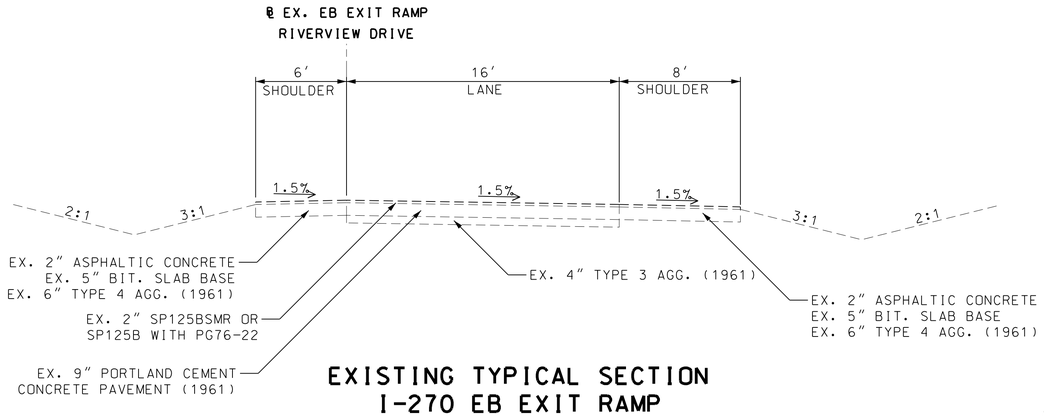
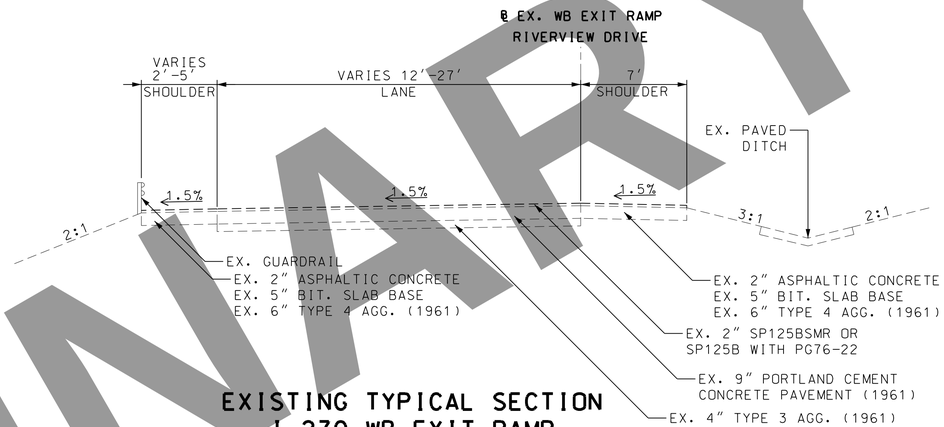
I-270 AND RIVERVIEW

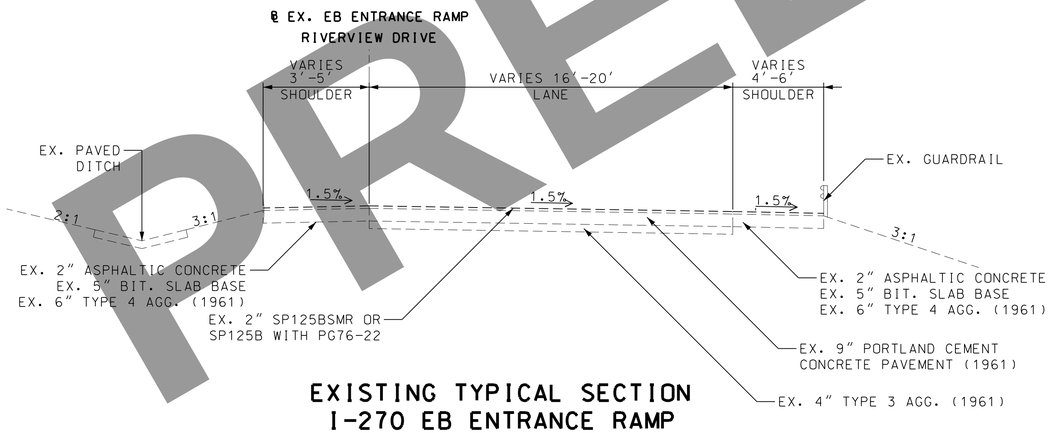
TYPICAL SECTIONS
SHEET 3 OF 15



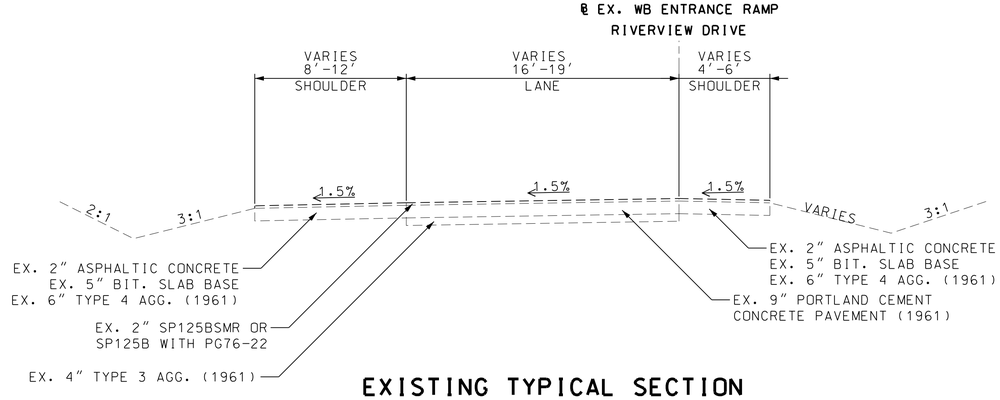

EXISTING TYPICAL SECTION
I-270 EB EXIT RAMP
STA 300+71.45 TO STA 312+51.77




EXISTING TYPICAL SECTION
I-270 WB EXIT RAMP
STA 200+40.06 TO STA 206+86.67




EXISTING TYPICAL SECTION
I-270 EB ENTRANCE RAMP
STA 400+16.92 TO STA 406+54.31




EXISTING TYPICAL SECTION
I-270 WB ENTRANCE RAMP
STA 101+65.80 TO STA 117+34.71

PRELIMINARY

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DATE

DATE PREPARED
3/16/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 2 |

COUNTY
ST. LOUIS CITY/
ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
|---|---|

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HORNER SHIFRIN
401 S. 18TH ST., STE. 400 ST. LOUIS, MO 63103
314-431-4321 - FAX 314-431-8866
WWW.HORNERSHIFRIN.COM
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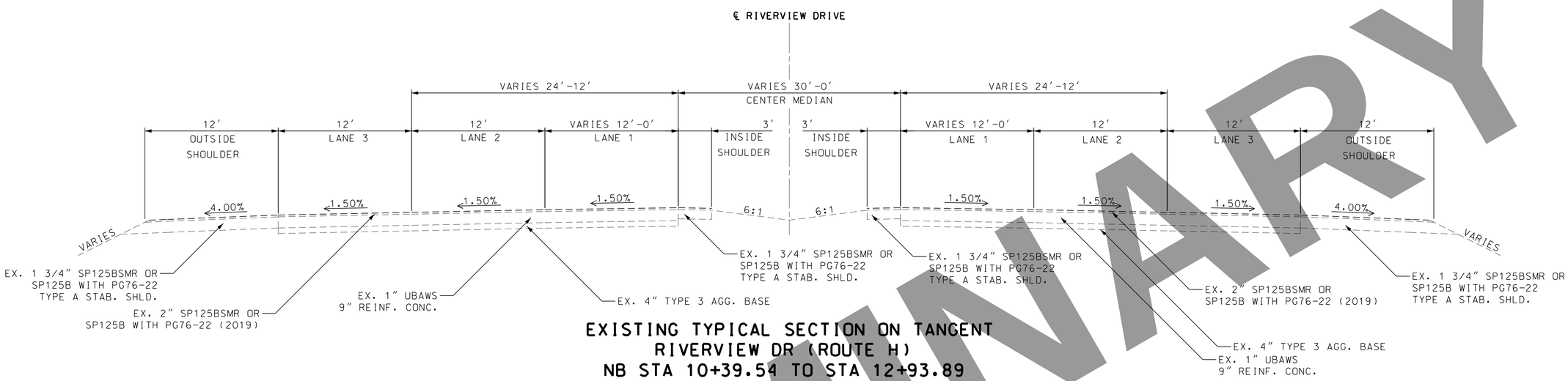
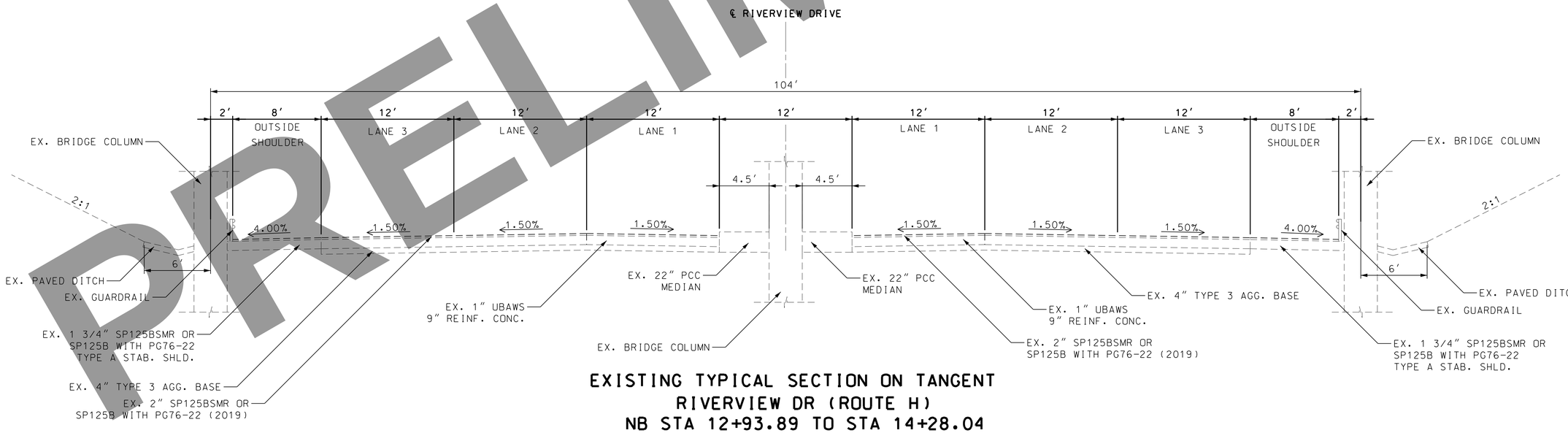
I-270 AND RIVERVIEW

TYPICAL SECTIONS
SHEET 4 OF 15




**EXISTING TYPICAL SECTION ON TANGENT**
**RIVERVIEW DR (ROUTE H)**
**NB STA 10+39.54 TO STA 12+93.89**
**NB STA 14+28.04 TO STA 17+31.72**
**SB STA 10+63.71 TO STA 12+72.12**
**SB STA 14+06.00 TO STA 17+38.89**




**EXISTING TYPICAL SECTION ON TANGENT**
**RIVERVIEW DR (ROUTE H)**
**NB STA 12+93.89 TO STA 14+28.04**
**SB STA 12+72.12 TO STA 14+06.26**

PRELIMINARY

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DATE

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| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 2 |

COUNTY: ST. LOUIS CITY/ ST. LOUIS

JOB NO. J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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314-631-4321 - FAX 314-631-6866
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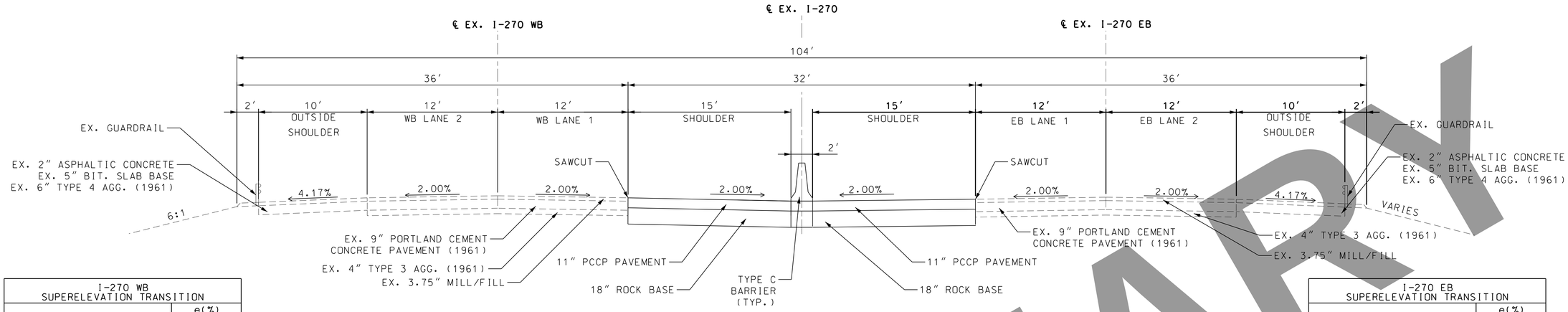
I-270 AND RIVERVIEW

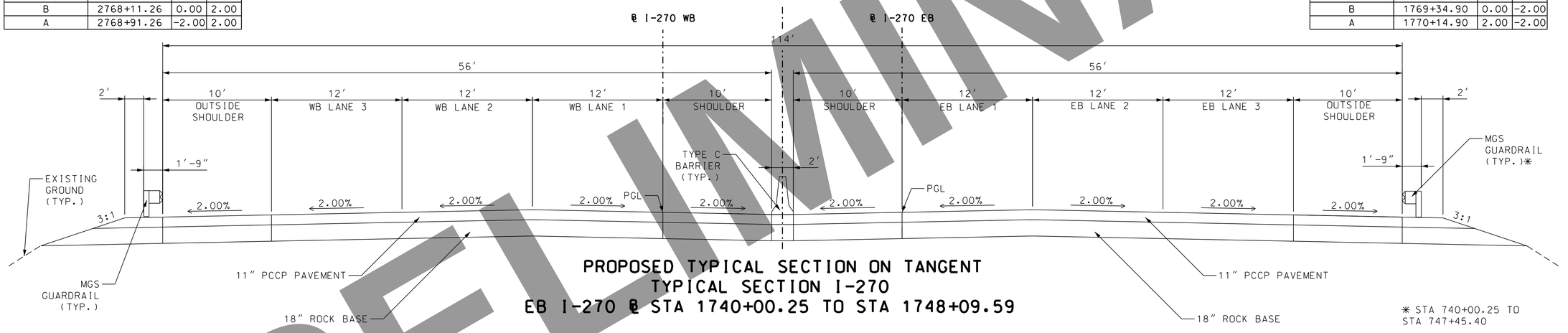
TYPICAL SECTIONS
SHEET 5 OF 15



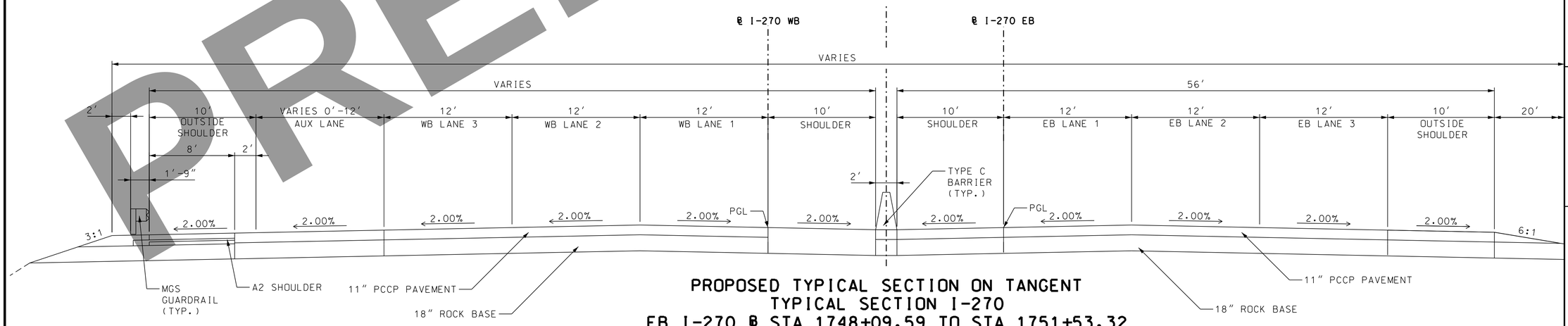

| I-270 WB SUPERELEVATION TRANSITION | | | |
|---|---|---|---|
| | | e(%) | |
| SECTION | STATION | LEFT | RIGHT |
| A | 2753+37.63 | -2.00 | 2.00 |
| B | 2754+17.63 | 0.00 | 2.00 |
| C | 2754+97.63 | 2.00 | 2.00 |
| D | 2755+45.63 | 3.20 | 3.20 |
| D | 2766+83.26 | 3.20 | 3.20 |
| C | 2767+31.26 | 2.00 | 2.00 |
| B | 2768+11.26 | 0.00 | 2.00 |
| A | 2768+91.26 | -2.00 | 2.00 |

## PROPOSED TYPICAL SECTION ON TANGENT
## TYPICAL SECTION I-270
## EXIST I-270 STA 735+70.18 TO STA 740+00.25

| I-270 EB SUPERELEVATION TRANSITION | | | |
|---|---|---|---|
| | | e(%) | |
| SECTION | STATION | LEFT | RIGHT |
| A | 1751+53.32 | 2.00 | -2.00 |
| B | 1752+33.32 | 0.00 | -2.00 |
| C | 1753+13.32 | -2.00 | -2.00 |
| D | 1753+45.32 | -2.80 | -2.80 |
| D | 1768+22.90 | -2.80 | -2.80 |
| C | 1768+54.90 | -2.00 | -2.00 |
| B | 1769+34.90 | 0.00 | -2.00 |
| A | 1770+14.90 | 2.00 | -2.00 |




## PROPOSED TYPICAL SECTION ON TANGENT
## TYPICAL SECTION I-270
## EB I-270 ℄ STA 1740+00.25 TO STA 1748+09.59




## PROPOSED TYPICAL SECTION ON TANGENT
## TYPICAL SECTION I-270
## EB I-270 ℄ STA 1748+09.59 TO STA 1751+53.32

PRELIMINARY

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE

DATE PREPARED 3/16/2022

ROUTE I-270 | STATE MO

DISTRICT SL | SHEET NO. 2

COUNTY ST. LOUIS CITY/ ST. LOUIS

JOB NO. J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

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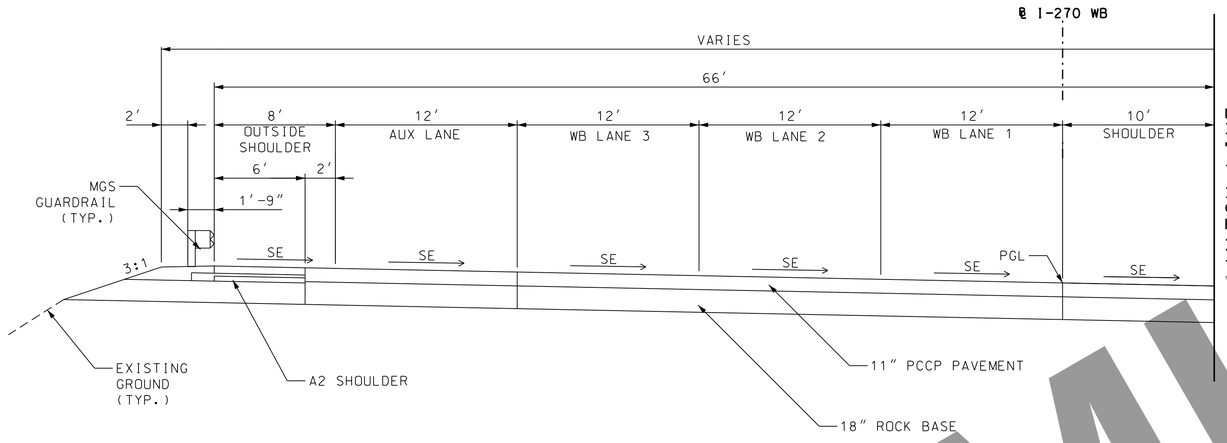
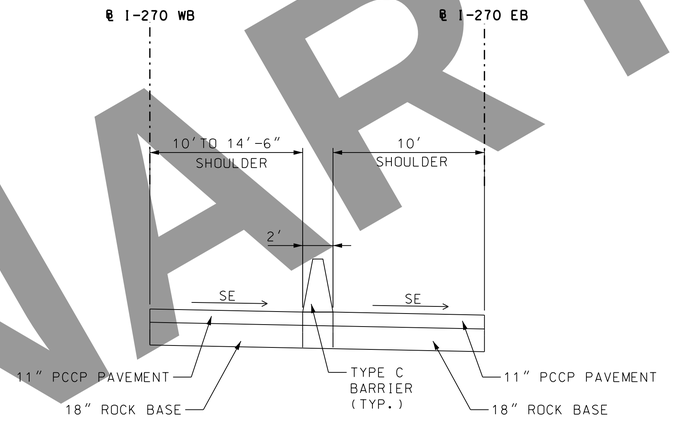
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HORNER SHIFRIN
401 S. 18TH ST., STE. 400 ST. LOUIS, MO 63103
314-531-4321 - FAX 314-531-4986
WWW.HORNERSHIFRIN.COM
DISCIPLINE: MISSOURI ENGINEERING
CERTIFICATE OF AUTHORITY: 000159
EXPIRATION DATE: DECEMBER 31, 2022

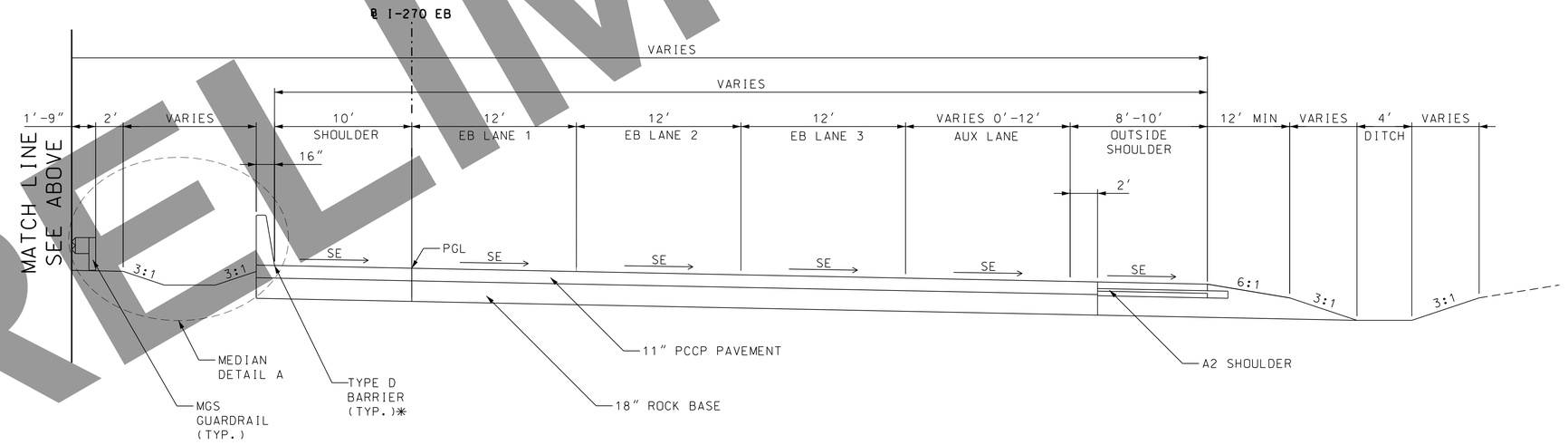
I-270 AND RIVERVIEW

TYPICAL SECTIONS
SHEET 6 OF 15




MEDIAN DETAIL A
STA 1751+53.32 TO STA 1755+00.00




## PROPOSED TYPICAL SECTION ON SUPERELEVATION
## TYPICAL SECTION I-270
## EB I-270 ℄ STA 1751+53.32 TO STA 1757+03.51

| I-270 WB SUPERELEVATION TRANSITION | | | |
|---|---|---|---|
| | | e(%) | |
| SECTION | STATION | LEFT | RIGHT |
| A | 2753+37.63 | -2.00 | 2.00 |
| B | 2754+17.63 | 0.00 | 2.00 |
| C | 2754+97.63 | 2.00 | 2.00 |
| D | 2755+45.63 | 3.20 | 3.20 |
| D | 2766+83.26 | 3.20 | 3.20 |
| C | 2767+31.26 | 2.00 | 2.00 |
| B | 2768+11.26 | 0.00 | 2.00 |
| A | 2768+91.26 | -2.00 | 2.00 |

| I-270 EB SUPERELEVATION TRANSITION | | | |
|---|---|---|---|
| | | e(%) | |
| SECTION | STATION | LEFT | RIGHT |
| A | 1751+53.32 | 2.00 | -2.00 |
| B | 1752+33.32 | 0.00 | -2.00 |
| C | 1753+13.32 | -2.00 | -2.00 |
| D | 1753+45.32 | -2.80 | -2.80 |
| D | 1768+22.90 | -2.80 | -2.80 |
| C | 1768+54.90 | -2.00 | -2.00 |
| B | 1769+34.90 | 0.00 | -2.00 |
| A | 1770+14.90 | 2.00 | -2.00 |

PRELIMINARY

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE

DATE PREPARED 3/16/2022

ROUTE I-270 | STATE MO

DISTRICT SL | SHEET NO. 2

COUNTY ST. LOUIS CITY/ ST. LOUIS

JOB NO. J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HORNER SHIFRIN
401 S. 18TH ST., STE. 400 ST. LOUIS, MO 63103
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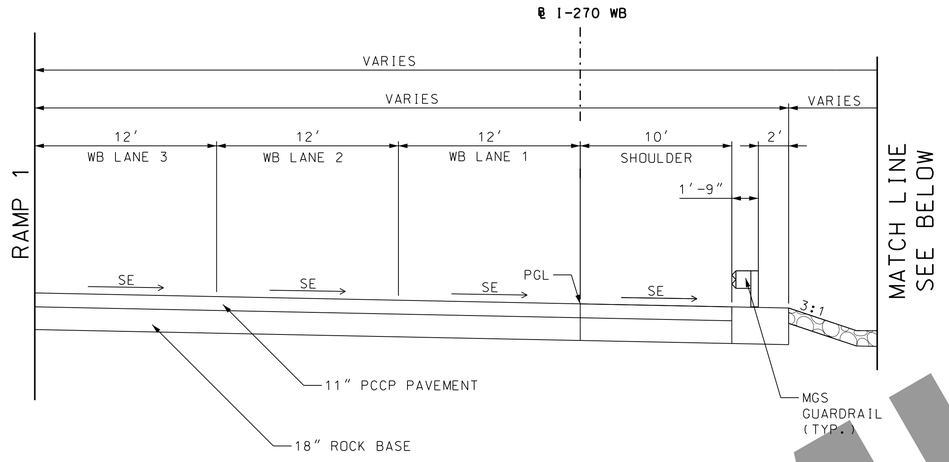
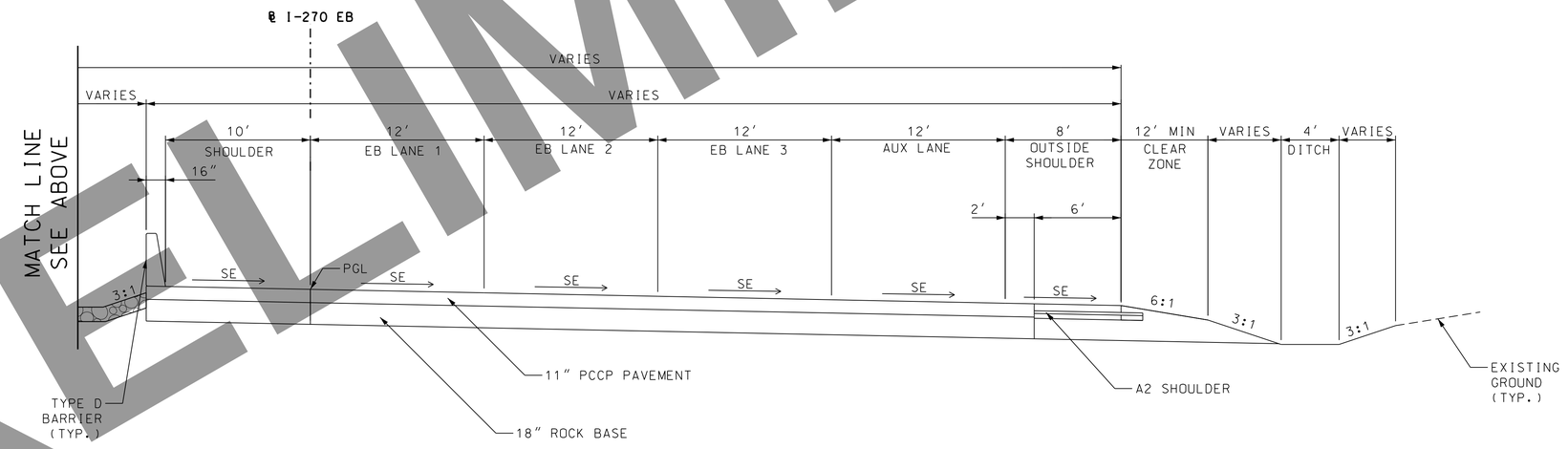
DISCIPLINE: PROFESSIONAL ENGINEERING
CERTIFICATE OF AUTHORITY: 000169
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW

TYPICAL SECTIONS
SHEET 7 OF 15




## PROPOSED TYPICAL SECTION ON SUPERELEVATION
## TYPICAL SECTION I-270
## EB I-270 ℄ STA 1757+03.51 TO STA 1758+85.26

| I-270 WB SUPERELEVATION TRANSITION | | | |
|---|---|---|---|
| | | e(%) | |
| SECTION | STATION | LEFT | RIGHT |
| A | 2753+37.63 | -2.00 | 2.00 |
| B | 2754+17.63 | 0.00 | 2.00 |
| C | 2754+97.63 | 2.00 | 2.00 |
| D | 2755+45.63 | 3.20 | 3.20 |
| D | 2766+83.26 | 3.20 | 3.20 |
| C | 2767+31.26 | 2.00 | 2.00 |
| B | 2768+11.26 | 0.00 | 2.00 |
| A | 2768+91.26 | -2.00 | 2.00 |

| I-270 EB SUPERELEVATION TRANSITION | | | |
|---|---|---|---|
| | | e(%) | |
| SECTION | STATION | LEFT | RIGHT |
| A | 1751+53.32 | 2.00 | -2.00 |
| B | 1752+33.32 | 0.00 | -2.00 |
| C | 1753+13.32 | -2.00 | -2.00 |
| D | 1753+45.32 | -2.80 | -2.80 |
| D | 1768+22.90 | -2.80 | -2.80 |
| C | 1768+54.90 | -2.00 | -2.00 |
| B | 1769+34.90 | 0.00 | -2.00 |
| A | 1770+14.90 | 2.00 | -2.00 |

PRELIMINARY

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DATE

DATE PREPARED 3/16/2022

ROUTE I-270 | STATE MO

DISTRICT SL | SHEET NO. 2

COUNTY ST. LOUIS CITY/ ST. LOUIS

JOB NO. J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
|---|---|

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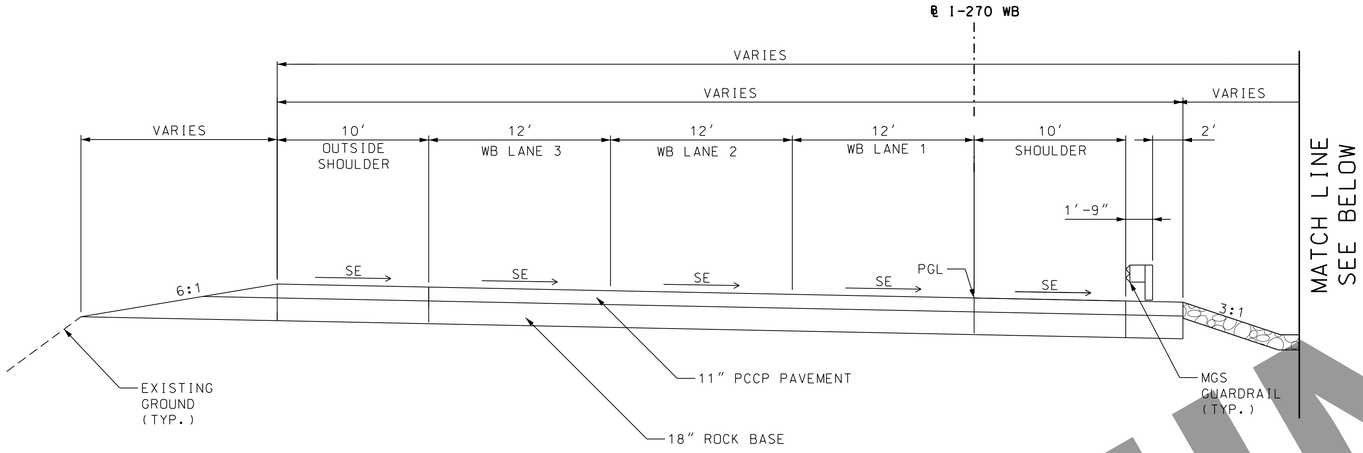
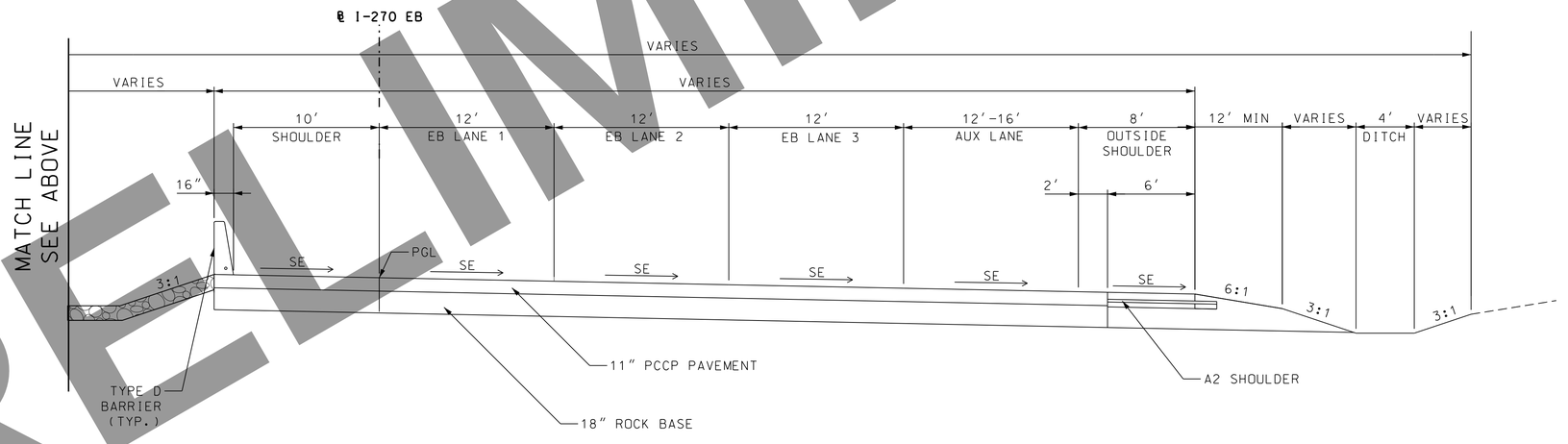
I-270 AND RIVERVIEW

TYPICAL SECTIONS
SHEET 8 OF 15




## PROPOSED TYPICAL SECTION ON SUPERELEVATION
## TYPICAL SECTION I-270
## EB I-270 ℄ STA STA 1758+85.26 TO STA 1762+18.62

| I-270 WB SUPERELEVATION TRANSITION | | | |
|---|---|---|---|
| | | e(%) | |
| SECTION | STATION | LEFT | RIGHT |
| A | 2753+37.63 | -2.00 | 2.00 |
| B | 2754+17.63 | 0.00 | 2.00 |
| C | 2754+97.63 | 2.00 | 2.00 |
| D | 2755+45.63 | 3.20 | 3.20 |
| D | 2766+83.26 | 3.20 | 3.20 |
| C | 2767+31.26 | 2.00 | 2.00 |
| B | 2768+11.26 | 0.00 | 2.00 |
| A | 2768+91.26 | -2.00 | 2.00 |

| I-270 EB SUPERELEVATION TRANSITION | | | |
|---|---|---|---|
| | | e(%) | |
| SECTION | STATION | LEFT | RIGHT |
| A | 1751+53.32 | 2.00 | -2.00 |
| B | 1752+33.32 | 0.00 | -2.00 |
| C | 1753+13.32 | -2.00 | -2.00 |
| D | 1753+45.32 | -2.80 | -2.80 |
| D | 1768+22.90 | -2.80 | -2.80 |
| C | 1768+54.90 | -2.00 | -2.00 |
| B | 1769+34.90 | 0.00 | -2.00 |
| A | 1770+14.90 | 2.00 | -2.00 |

PRELIMINARY

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DATE

DATE PREPARED 3/16/2022

ROUTE I-270 | STATE MO

DISTRICT SL | SHEET NO. 2

COUNTY ST. LOUIS CITY/ ST. LOUIS

JOB NO. J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

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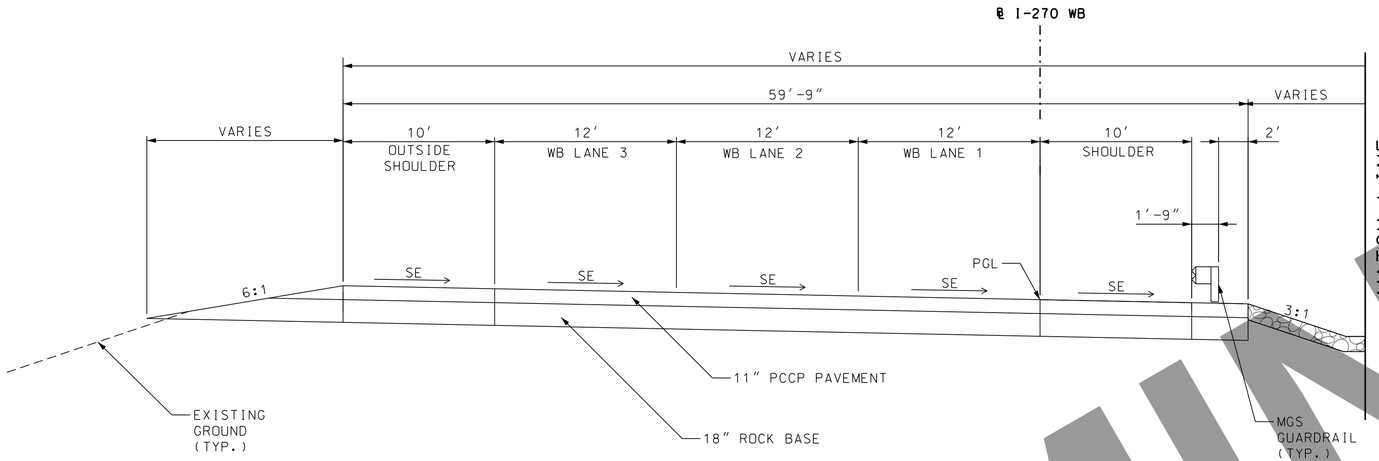
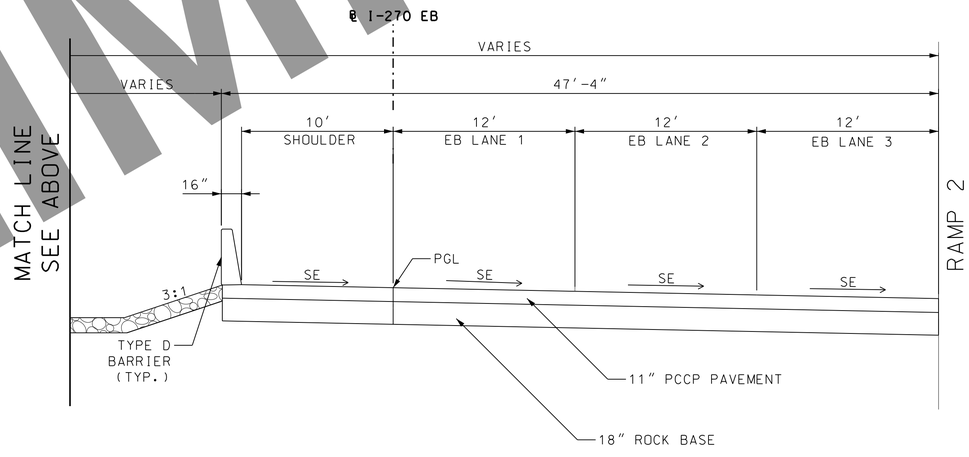
CERTIFICATE OF AUTHORITY: 000159
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW

TYPICAL SECTIONS
SHEET 9 OF 15




## PROPOSED TYPICAL SECTION ON SUPERELEVATION TYPICAL SECTION I-270
## EB I-270 ℄ STA 1762+18.62 TO STA 1762+69.44

| I-270 WB SUPERELEVATION TRANSITION | | | |
|---|---|---|---|
| | | e(%) | |
| SECTION | STATION | LEFT | RIGHT |
| A | 2753+37.63 | -2.00 | 2.00 |
| B | 2754+17.63 | 0.00 | 2.00 |
| C | 2754+97.63 | 2.00 | 2.00 |
| D | 2755+45.63 | 3.20 | 3.20 |
| D | 2766+83.26 | 3.20 | 3.20 |
| C | 2767+31.26 | 2.00 | 2.00 |
| B | 2768+11.26 | 0.00 | 2.00 |
| A | 2768+91.26 | -2.00 | 2.00 |

| I-270 EB SUPERELEVATION TRANSITION | | | |
|---|---|---|---|
| | | e(%) | |
| SECTION | STATION | LEFT | RIGHT |
| A | 1751+53.32 | 2.00 | -2.00 |
| B | 1752+33.32 | 0.00 | -2.00 |
| C | 1753+13.32 | -2.00 | -2.00 |
| D | 1753+45.32 | -2.80 | -2.80 |
| D | 1768+22.90 | -2.80 | -2.80 |
| C | 1768+54.90 | -2.00 | -2.00 |
| B | 1769+34.90 | 0.00 | -2.00 |
| A | 1770+14.90 | 2.00 | -2.00 |

PRELIMINARY

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE

DATE PREPARED 3/16/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 2 |

COUNTY: ST. LOUIS CITY/ ST. LOUIS

JOB NO. J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

| DESCRIPTION | DATE |
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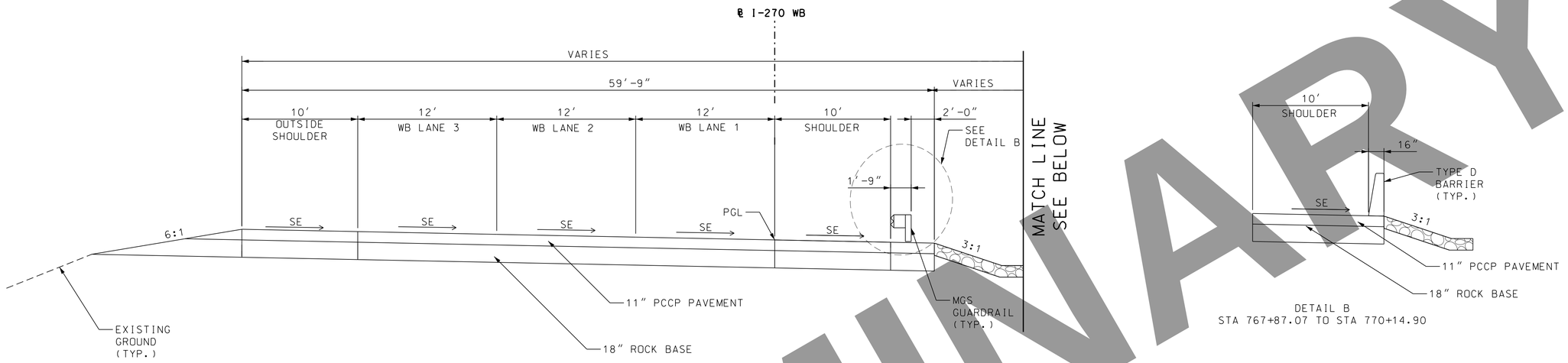
I-270 AND RIVERVIEW

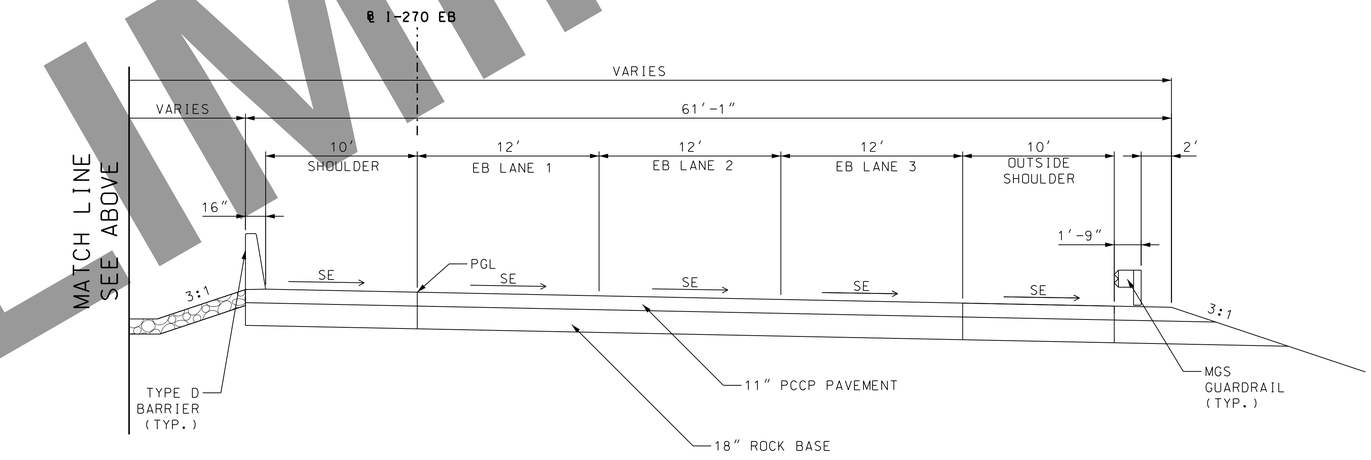
TYPICAL SECTIONS
SHEET 10 OF 15







DETAIL B
STA 767+87.07 TO STA 770+14.90




## PROPOSED TYPICAL SECTION ON SUPERELEVATION TYPICAL SECTION I-270 EB I-270 ℄ STA 1762+69.44 TO STA 1770+14.90

| I-270 WB SUPERELEVATION TRANSITION | | | |
|---|---|---|---|
| | | e(%) | |
| SECTION | STATION | LEFT | RIGHT |
| A | 2753+37.63 | -2.00 | 2.00 |
| B | 2754+17.63 | 0.00 | 2.00 |
| C | 2754+97.63 | 2.00 | 2.00 |
| D | 2755+45.63 | 3.20 | 3.20 |
| D | 2766+83.26 | 3.20 | 3.20 |
| C | 2767+31.26 | 2.00 | 2.00 |
| B | 2768+11.26 | 0.00 | 2.00 |
| A | 2768+91.26 | -2.00 | 2.00 |

| I-270 EB SUPERELEVATION TRANSITION | | | |
|---|---|---|---|
| | | e(%) | |
| SECTION | STATION | LEFT | RIGHT |
| A | 1751+53.32 | 2.00 | -2.00 |
| B | 1752+33.32 | 0.00 | -2.00 |
| C | 1753+13.32 | -2.00 | -2.00 |
| D | 1753+45.32 | -2.80 | -2.80 |
| D | 1768+22.90 | -2.80 | -2.80 |
| C | 1768+54.90 | -2.00 | -2.00 |
| B | 1769+34.90 | 0.00 | -2.00 |
| A | 1770+14.90 | 2.00 | -2.00 |

PRELIMINARY

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE

DATE PREPARED 3/16/2022

ROUTE I-270 | STATE MO

DISTRICT SL | SHEET NO. 2

COUNTY ST. LOUIS CITY/ ST. LOUIS

JOB NO. J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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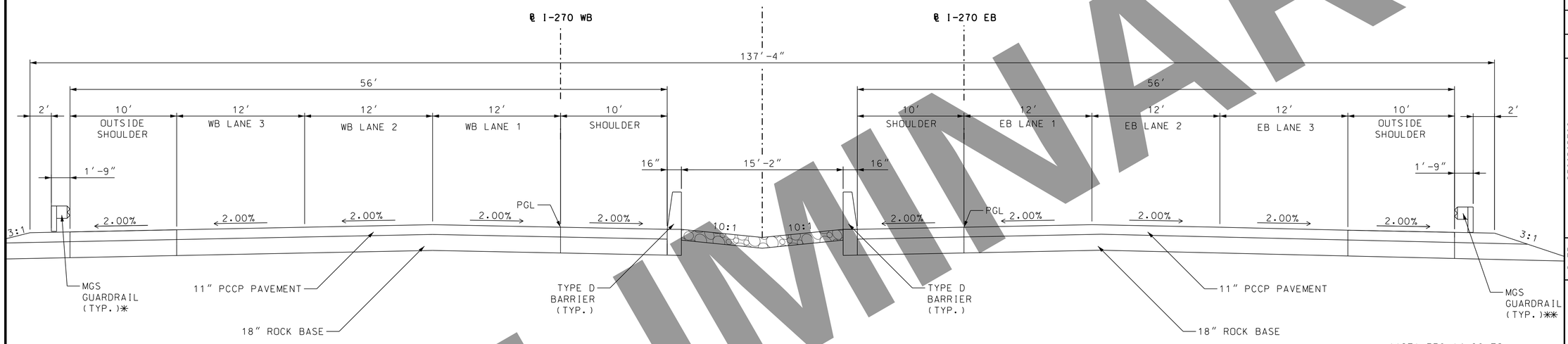
I-270 AND RIVERVIEW

TYPICAL SECTIONS
SHEET 11 OF 15




*STA 773+48.90 TO STA 775+61.59

**STA 770+14.90 TO STA 772+03.62

## PROPOSED TYPICAL SECTION ON TANGENT
## TYPICAL SECTION I-270

EB I-270 ℄ STA 1770+14.90 TO STA 1772+07.36
EB I-270 ℄ STA 1773+48.90 TO STA 1779+53.84

PRELIMINARY

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE

DATE PREPARED
3/16/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 2 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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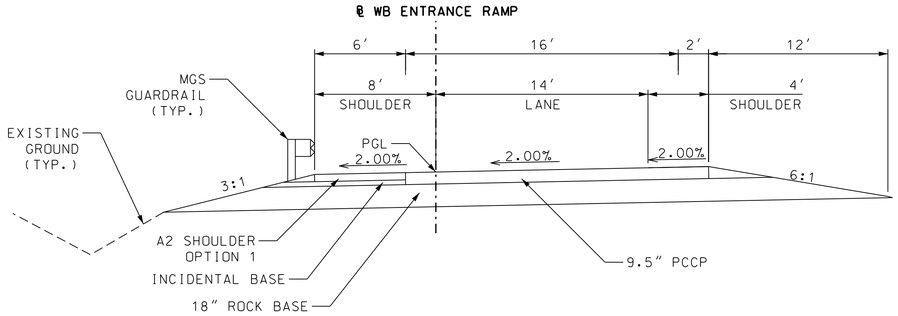
I-270 AND RIVERVIEW

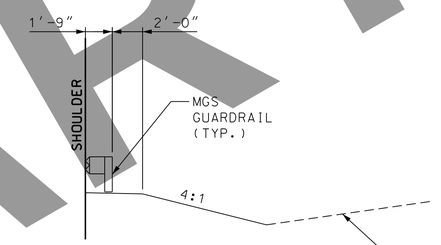
TYPICAL SECTIONS
SHEET 12 OF 15

| RAMP 1 SUPERELEVATION TRANSITION | | |
|---|---|---|
| SECTION | STATION | e(%) |
| A | 100+00.00 | -3.12 |
| B | 101+65.74 | -2.00 |
| G | 104+42.96 | -2.00 |
| H | 104+46.96 | -2.20 |
| H | 110+88.01 | -2.20 |
| | 111+35.00 | -0.60 |

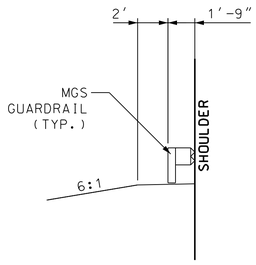
REFER TO MODOT STANDARD DRAWING 203.40G.



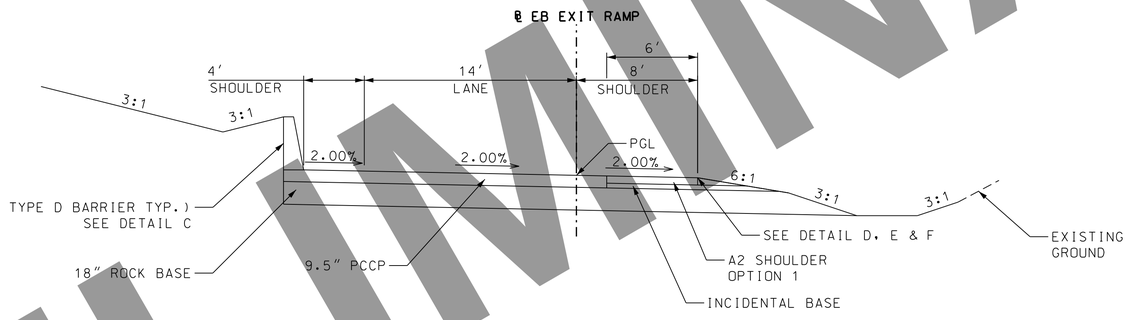

## PROPOSED TYPICAL SECTION
## RAMP 1
## STA 103+51.85 TO STA 111+35.00



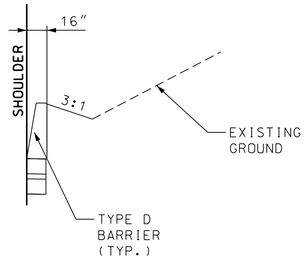

DETAIL D
STA 308+16.00 TO STA 309+00.00



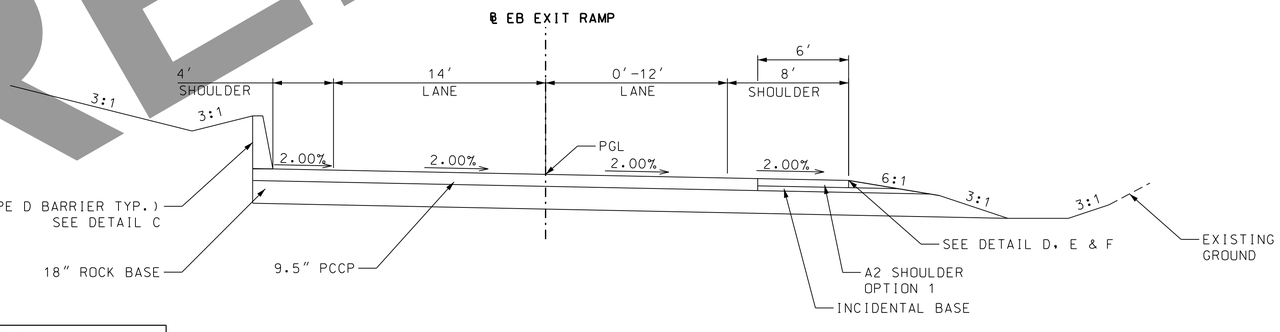

DETAIL C
STA 303+82.00 TO STA 305+00.00



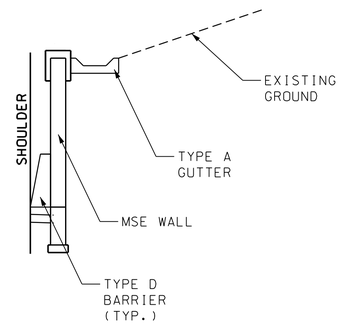

## PROPOSED TYPICAL SECTION
## RAMP 2
## STA 302+67.97 TO STA 308+66.26




DETAIL E
STA 309+00.00 TO STA 310+25.00




## PROPOSED TYPICAL SECTION
## RAMP 2
## STA 308+66.26 TO STA 312+76.14




DETAIL F
STA 310+25.00 TO STA 312+45.15

REFER TO MODOT STANDARD DRAWING 203.40G.

| RAMP 2 SUPERELEVATION TRANSITION | | |
|---|---|---|
| SECTION | STATION | e(%) |
| | 300+00.00 | 2.80 |
| E | 302+17.59 | 3.80 |
| E | 302+64.69 | 2.00 |

| RAMP 2 SUPERELEVATION TRANSITION | | | |
|---|---|---|---|
| | | e(%) | |
| SECTION | STATION | LEFT | RIGHT |
| C | 308+22.53 | 2.00 | -2.00 |
| D | 308+82.38 | 3.80 | -3.80 |
| D | 310+82.54 | 3.80 | -3.80 |
| C | 311+42.39 | 2.00 | -2.00 |

PRELIMINARY

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE

DATE PREPARED 3/16/2022

ROUTE I-270 | STATE MO

DISTRICT SL | SHEET NO. 2

COUNTY ST. LOUIS CITY/ ST. LOUIS

JOB NO. J6I3020C

CONTRACT ID.

PROJECT NO.

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DESCRIPTION | DATE

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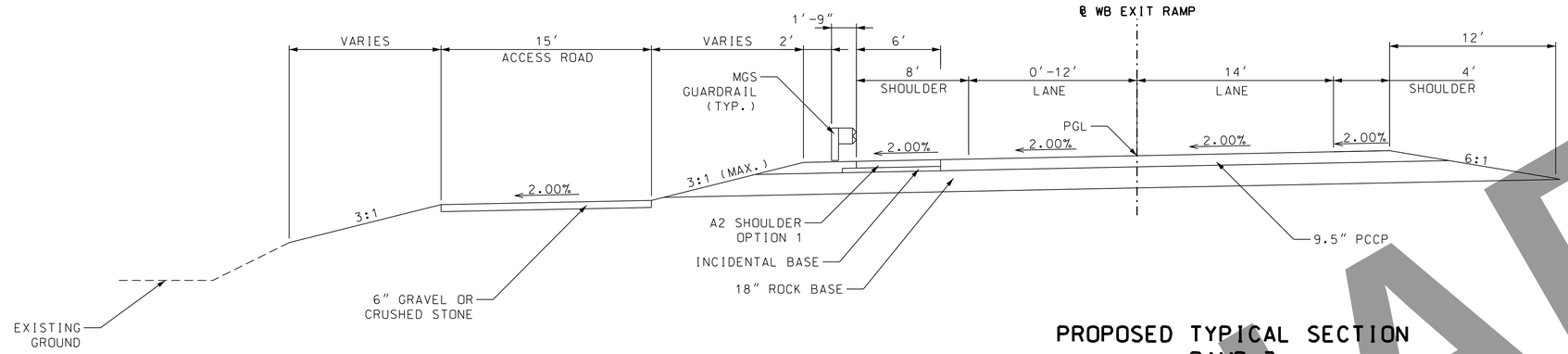
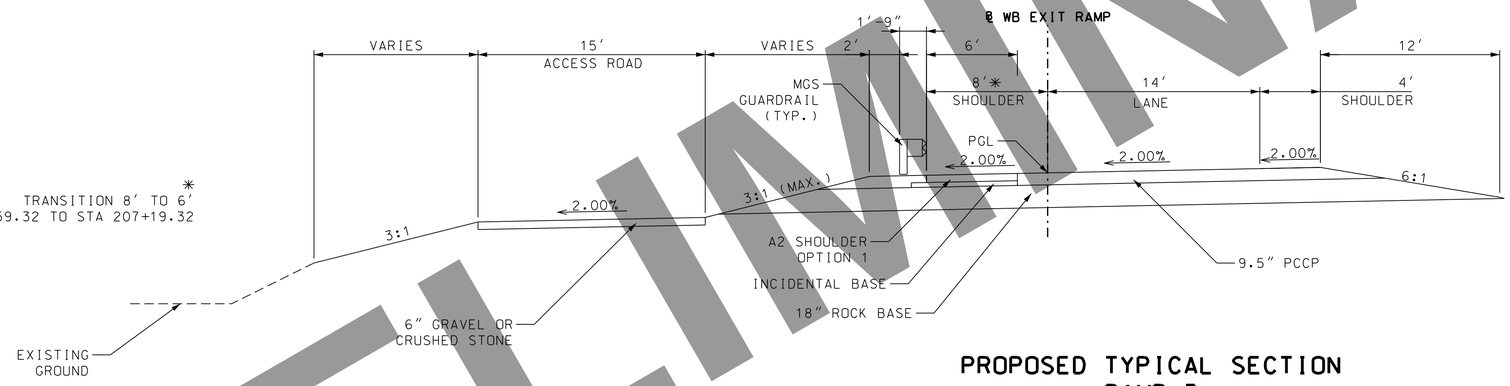
I-270 AND RIVERVIEW

TYPICAL SECTIONS
SHEET 13 OF 15

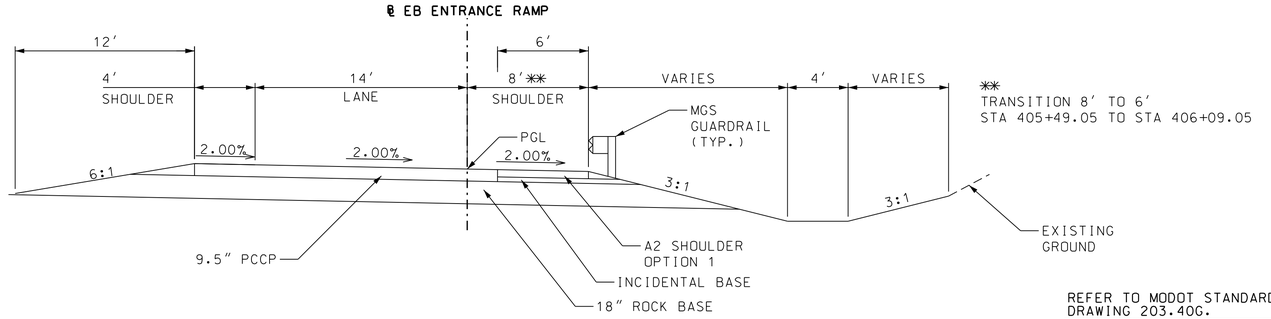



PROPOSED TYPICAL SECTION
RAMP 3
STA 200+40.06 TO STA 203+88.44




* TRANSITION 8′ TO 6′
STA 206+59.32 TO STA 207+19.32

PROPOSED TYPICAL SECTION
RAMP 3
STA 203+88.44 TO STA 207+19.32




** TRANSITION 8′ TO 6′
STA 405+49.05 TO STA 406+09.05

PROPOSED TYPICAL SECTION
RAMP 4
STA 400+16.92 TO STA 405+65.54

| RAMP 3 SUPERELEVATION TRANSITION | | |
|---|---|---|
| SECTION | STATION | e(%) |
| E | 203+47.01 | 2.00 |
| F | 204+46.45 | 3.80 |
| F | 205+92.64 | 3.80 |
| E | 207+81.16 | 2.00 |

REFER TO MODOT STANDARD DRAWING 203.40G.

REFER TO MODOT STANDARD DRAWING 203.40G.

| RAMP 4 SUPERELEVATION TRANSITION | | |
|---|---|---|
| SECTION | STATION | e(%) |
| A | 403+43.84 | 2.00 |
| B | 404+43.28 | 3.80 |
| B | 405+93.93 | 3.80 |
| A | 406+82.69 | 2.00 |

PRELIMINARY

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE

DATE PREPARED
3/16/2022

ROUTE I-270 | STATE MO

DISTRICT SL | SHEET NO. 2

COUNTY
ST. LOUIS CITY/
ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

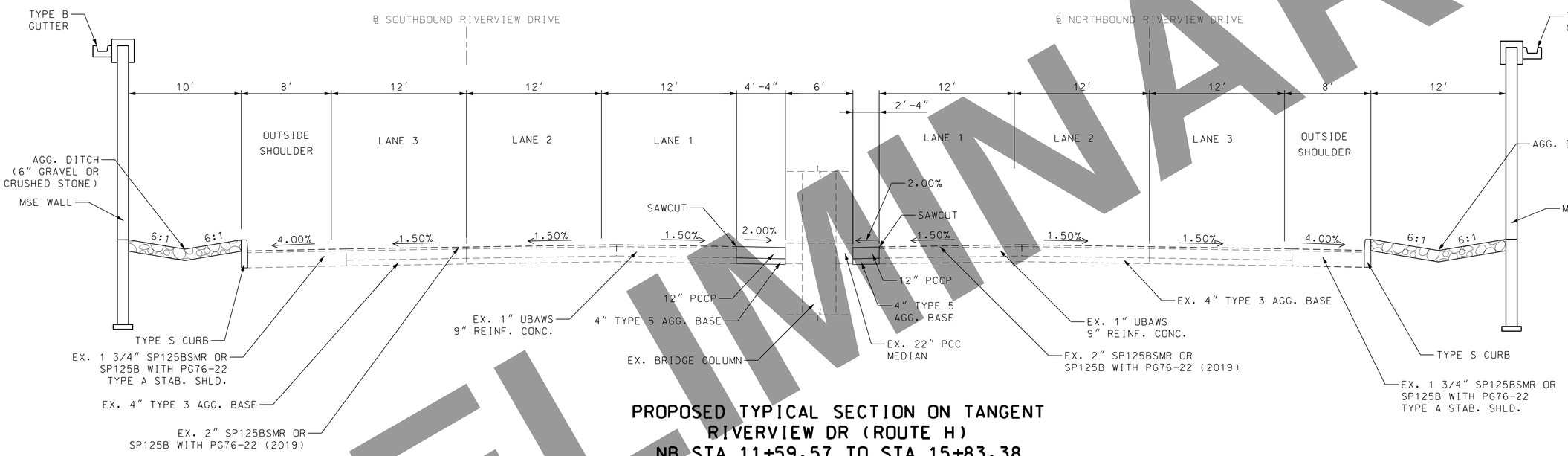
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HORNER SHIFRIN
401 S. 18TH ST., STE. 400 ST. LOUIS, MO 63103
314-431-4321 - FAX 314-431-8566
WWW.HORNERSHIFRIN.COM
DISCIPLINE: PROFESSIONAL ENGINEERING
CERTIFICATE OF AUTHORITY: 000159
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW

TYPICAL SECTIONS
SHEET 14 OF 15




**PROPOSED TYPICAL SECTION ON TANGENT**
**RIVERVIEW DR (ROUTE H)**
**NB STA 11+59.57 TO STA 15+83.38**
**SB STA 11+74.46 TO STA 16+24.65**

PRELIMINARY

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE

DATE PREPARED
3/16/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 2 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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DISCIPLINE: PROFESSIONAL ENGINEERING
CERTIFICATE OF AUTHORITY: 000159
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW

TYPICAL SECTIONS
SHEET 15 OF 15

## CLEARING AND GRUBBING

| LOCATION | CLEARING AND GRUBBING (AC) | REMARKS |
|---|---|---|
| I-270/RIVERVIEW | 21.2 | |
| | | |
| TOTAL | 21.2 | |
| USE | 21 | |
| | | |

## REMOVAL OF IMPROVEMENTS

| REMOVAL SHEET | FROM STA. | TO STA. | ALIGNMENT | LOCATION | DESCRIPTION OF REMOVAL |
|---|---|---|---|---|---|
| 1 | 735+18.18 | 740+00.00 | EX. I-270 | RT | 482 LF GUARD CABLE |
| 1 | 1740+00.25 | 1741+42.67 | I-270 EB | LT | 143 LF GUARD CABLE |
| 1 | 1740+00.25 | | I-270 EB | RT | 37 LF SAWCUT |
| 1 | 1740+00.25 | 1762+50.00 | I-270 EB | RT | 93336 SF PAVMENT AND SHOULDER |
| 1 | 1740+00.25 | 1753+13.30 | I-270 EB | RT | 1314 LF GUARDRAIL |
| 1 | 1741+02.75 | | I-270 EB | BOTH | 222 LF 24" CMP |
| 1 | 1741+17.33 | 1742+68.60 | I-270 EB | LT | 152 LF GUARDRAIL AND CRASHWORTHY END |
| 1 | 1741+37.84 | 1743+37.84 | I-270 EB | LT | 200 LF 24" CMP |
| 1 | 1742+07.45 | | I-270 EB | LT | SIGN TRUSS |
| 1 | 1742+87.63 | 1746+48.03 | I-270 EB | LT | 361 LF GUARD CABLE |
| 1 | 1745+14.83 | | I-270 EB | RT | SIGN AND POST |
| 1 | 1745+55.23 | | I-270 EB | RT | SIGN AND POST |
| 1 | 1748+04.37 | | I-270 EB | LT | INLET |
| 1 | 1752+90.85 | | I-270 EB | RT | ITS LANE CONTROL MAST ARM |
| 1 | 1753+18.00 | | I-270 EB | RT | ITS PULL BOX |
| 1 | 1756+01.46 | | I-270 EB | RT | LIGHT POLE |
| 1 | 1757+75.78 | | I-270 EB | LT | INLET |
| 1 | 1758+20.33 | 1758+60.94 | I-270 EB | RT | 99 LF OF 30" RCP AND FES |
| 1 | 1759+04.70 | | I-270 EB | RT | LIGHT POLE |
| 1 | 1759+70.00 | 1762+50.00 | I-270 EB | BOTH | PAVED DITCH |
| 1 | 2739+99.09 | 2762+57.37 | I-270 WB | LT | 98648 SF PAVMENT AND SHOULDER |
| 1 | 2739+99.09 | | I-270 WB | LT | 38 LF SAWCUT |
| 1 | 2739+99.09 | 2757+98.73 | I-270 WB | LT | 1804 LF GUARDRAIL AND CRASHWORTY END |
| 1 | 2740+73.75 | | I-270 WB | LT | SIGN AND POST |
| 1 | 2743+41.60 | | I-270 WB | LT | SIGN AND POST |
| 1 | 2741+53.97 | 2743+06.06 | I-270 WB | RT | 162 LF GUARDRAIL AND CRASHWORTHY END |
| 1 | 2745+54.84 | | I-270 WB | LT | SIGN AND POST |
| 1 | 2752+30.00 | 2757+30.00 | I-270 WB | RT | PAVED DITCH |
| 1 | 2754+99.73 | | I-270 WB | LT | LIGHT POLE |
| 1 | 2756+27.74 | | I-270 WB | LT | LIGHTING CABINET |
| 1 | 2756+50.44 | | I-270 WB | LT | SIGN AND POST |
| 1 | 2756+68.09 | | I-270 WB | LT | LIGHT POLE |
| 1 | 2757+52.53 | | I-270 WB | LT | HEADWALL |
| 1 | 2758+32.54 | 2762+57.37 | I-270 WB | LT | 442 LF FENCE |
| 1 | 2759+15.65 | | I-270 WB | LT | LIGHT POLE |
| 1 | 2760+08.32 | | I-270 WB | LT | UTILITY POLE |
| 1 | 104+60.67 | 107+34.65 | RAMP 1 | LT | 275 LF GUARDRAIL |
| 1 | 106+20.80 | | RAMP 1 | LT | LIGHT POLE |
| 1 | 107+07.90 | | RAMP 1 | RT | INLET |
| 1 | 300+06.95 | 301+62.30 | RAMP 2 | RT | 145 LF GUARDRAIL, CRASHWORTHY END, & END ANCHOR |
| 1 | 301+66.79 | | RAMP 2 | RT | SIGN TRUSS |
| 1 | 301+62.30 | 311+62.30 | RAMP 2 | RT | CONCRETE BARRIER |
| 2 | 1762+50.00 | 1768+90.00 | I-270 EB | LT | PAVED DITCH |
| 2 | 1762+50.00 | 1776+00.00 | I-270 EB | BOTH | 38975 SF PAVEMENT AND SHOULDER |
| 2 | 1769+74.12 | 1771+42.72 | I-270 EB | LT | 170 LF GUARDRAIL, CRASHWORTHY END, & BRIDGE ANCHOR END |
| 2 | 1770+56.04 | 1771+49.63 | I-270 EB | LT | 95 LF GUARDRAIL, CRASHWORTHY END, & BRIDGE ANCHOR END |
| 2 | 1770+71.18 | | I-270 EB | RT | LIGHT POLE |

REMOVAL OF IMPROVEMENTS (CONTINUED IN TABLE TO THE RIGHT)

## REMOVAL OF IMPROVEMENTS (CONTINUED FROM TABLE TO THE LEFT)

| REMOVAL SHEET | FROM STA. | TO STA. | ALIGNMENT | LOCATION | DESCRIPTION OF REMOVAL |
|---|---|---|---|---|---|
| 2 | 1773+71.38 | 1776+00.00 | I-270 EB | LT | 9569 SF PAVEMENT AND SHOULDER |
| 2 | 1773+87.02 | 1775+39.77 | I-270 EB | LT | BRIDGE ANCHOR AND 153 LF GUARDRAIL |
| 2 | 1774+46.28 | | I-270 EB | RT | LIGHT POLE |
| 2 | 1774+88.59 | | I-270 EB | RT | PULL BOX |
| 2 | 1775+28.10 | | I-270 EB | LT | SIGN AND TWO POSTS |
| 2 | 2762+57.37 | 2776+13.38 | I-270 WB | LT | 39201 SF PAVEMENT AND SHOULDER |
| 2 | 2764+16.47 | | I-270 WB | BOTH | INLET AND 57 LF 24" RCP |
| 2 | 2765+36.84 | 2766+45.50 | I-270 WB | LT | 71 LF GUARDRAIL AND CRASHWORTHY END |
| 2 | 2765+70.60 | | I-270 WB | LT | LIGHT POLE |
| 2 | 2766+25.95 | | I-270 WB | LT | SIGN AND TWO POSTS |
| 2 | 2768+04.10 | | I-270 WB | LT | LIGHT POLE |
| 2 | 2768+11.98 | | I-270 WB | LT | SIGN AND POST |
| 2 | 2769+70.65 | | I-270 WB | LT | SIGN AND TWO POSTS |
| 2 | 2770+57.34 | | I-270 WB | LT | LIGHT POLE |
| 2 | 2773+78.45 | 2776+13.38 | I-270 WB | LT | 235 LF CONCRETE BARRIER |
| 2 | 2773+78.41 | 2776+13.38 | I-270 WB | LT | 235 LF CONCRETE BARRIER |
| 2 | 2773+78.19 | 2776+13.38 | I-270 WB | LT | 9974 SF PAVEMENT AND SHOULDER |
| 2 | 2773+77.94 | 2776+13.38 | I-270 WB | LT | BRIDGE ANCHOR AND 236 LF GUARDRAIL |
| 2 | 2774+25.85 | | I-270 WB | LT | ITS PULL BOX |
| 2 | 2774+41.92 | | I-270 WB | LT | CCTV POLE & DETECTORS AND BASE |
| 2 | 2774+60.88 | | I-270 WB | LT | SIGN TRUSS |
| 2 | 2775+29.89 | | I-270 WB | LT | ITS LANE CONTROL MAST ARM ASSEMBLY |
| 2 | 107+33.70 | 116+95.87 | RAMP 1 | BOTH | 17649 SF PAVEMENT AND SHOULDER |
| 2 | 107+34.65 | 108+13.76 | RAMP 1 | LT | 79 LF GUARDRAIL AND CRASHWORTHY END |
| 2 | 107+37.61 | 114+81.85 | RAMP 1 | LT | 1197 LF FENCE |
| 2 | 108+61.66 | | RAMP 1 | LT | LIGHT POLE |
| 2 | 110+17.35 | | RAMP 1 | RT | ITS PULL BOX |
| 2 | 110+34.68 | | RAMP 1 | RT | ITS FREEWAY DETECTOR ASSEMBLY |
| 2 | 111+07.43 | | RAMP 1 | LT | LIGHT POLE |
| 2 | 111+50.00 | 116+95.87 | RAMP 1 | BOTH | 631 LF SAWCUT |
| 2 | 113+38.97 | | RAMP 1 | LT | LIGHT POLE |
| 2 | 114+08.96 | | RAMP 1 | LT | LIGHT POLE |
| 2 | 302+51.24 | 312+63.46 | RAMP 2 | BOTH | 39617 SF PAVEMENT AND SHOULDER |
| 2 | 302+64.78 | | RAMP 2 | RT | LIGHT POLE |
| 2 | 303+45.71 | | RAMP 2 | RT | ITS PULL BOX |
| 2 | 303+64.44 | 305+27.62 | RAMP 2 | BOTH | 166 LF GUARDRAIL AND CRASHWORTHY END |
| 2 | 303+86.13 | | RAMP 2 | RT | SIGN AND TWO POSTS |
| 2 | 304+52.14 | | RAMP 2 | RT | LIGHT POLE |
| 2 | 305+11.60 | | RAMP 2 | LT | ITS LANE CONTROL MAST ARM ASSEMBLY |
| 2 | 305+48.77 | | RAMP 2 | LT | ITS PULL BOX |
| 2 | 305+58.44 | | RAMP 2 | RT | LIGHT POLE |
| 2 | 305+80.74 | | RAMP 2 | LT | ITS FREEWAY DETECTOR ASSEMBLY |
| 2 | 306+66.37 | | RAMP 2 | LT | SIGN AND TWO POSTS |
| 2 | 307+47.91 | | RAMP 2 | LT | LIGHT POLE |
| 2 | 307+69.09 | | RAMP 2 | LT | SIGN AND POST |
| 2 | 308+15.12 | | RAMP 2 | RT | LIGHT POLE |
| 2 | 309+03.48 | 309+72.25 | RAMP 2 | RT | 68 LF 24" RCP |
| 2 | 309+72.25 | 310+54.17 | RAMP 2 | RT | 74 LF 24" RCP |
| 2 | 310+54.17 | 312+07.44 | RAMP 2 | LT | EX. INLET, 155 LF 30" RCP, & MANHOLE |
| 2 | 310+99.84 | | RAMP 2 | LT | SIGN AND POST |
| 2 | 311+32.95 | | RAMP 2 | RT | LIGHT POLE |
| 2 | 311+42.27 | | RAMP 2 | LT | SIGN AND POST |
| 2 | 311+56.52 | | RAMP 2 | LT | SIGN AND POST |
| 2 | 311+64.75 | 312+03.32 | RAMP 2 | LT | MANHOLE AND 40 LF 12" RCP |
| 2 | 312+03.32 | | RAMP 2 | LT | 49 LF 24" RCP AND MANHOLE |
| 2 | 9+00.00 | 11+10.13 | NB RIVERVIEW DR | LT | 489 SF PAVEMENT AND SHOULDER |
| 2 | 9+00.00 | 10+63.18 | NB RIVERVIEW DR | RT | 346 SF SHOULDER |
| 2 | 9+00.00 | 17+51.05 | NB RIVERVIEW DR | RT | 892 LF SAWCUT |
| 2 | 9+00.00 | 11+09.97 | NB RIVERVIEW DR | LT | 210 LF SAWCUT |

REMOVAL OF IMPROVEMENTS (CONTINUED ON NEXT SHEET)

PRELIMINARY

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE

DATE PREPARED
3/16/2022

ROUTE I-270 | STATE MO

DISTRICT SL | SHEET NO. 3

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
|---|---|
| | |

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HORNER SHIFRIN
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314-431-4321 - FAX 314-431-4986
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DISCIPLINE: MISSOURI PROFESSIONAL ENGINEERING
CERTIFICATE OF AUTHORITY: 000159
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW

SCHEDULE OF QUANTITIES

SHEET 1 OF 11

| REMOVAL OF IMPROVEMENTS (CONTINUED FROM PREVIOUS SHEET) | | | | | |
|---|---|---|---|---|---|
| 2 | 9+76.10 | | NB RIVERVIEW DR | RT | SIGN AND POST |
| 2 | 10+88.96 | | NB RIVERVIEW DR | RT | LIGHT POLE |
| 2 | 10+94.48 | | NB RIVERVIEW DR | RT | SIGN AND POST |
| 2 | 12+07.74 | 13+09.06 | NB RIVERVIEW DR | LT | 109 LF 12" RCP |
| 2 | 12+56.08 | 15+94.07 | NB RIVERVIEW DR | RT | 1040 SF SHOULDER |
| 2 | 12+85.45 | | NB RIVERVIEW DR | RT | ITS PULL BOX |
| 2 | 12+86.61 | | NB RIVERVIEW DR | LT | SIGN AND POST |
| 2 | 12+99.71 | 14+89.56 | NB RIVERVIEW DR | RT | 190 LF GUARDRAIL |
| 2 | 13+09.06 | | NB RIVERVIEW DR | LT | 2 MANHOLES |
| 2 | 13+50.00 | 14+80.00 | NB RIVERVIEW DR | RT | 7172 SF CONCRETE SLOPE PROTECTION |
| 2 | 15+48.93 | | NB RIVERVIEW DR | RT | SIGN AND TWO POSTS |
| 2 | 15+73.63 | | NB RIVERVIEW DR | RT | SIGN AND POST |
| 2 | 9+00.00 | 12+00.00 | SB RIVERVIEW DR | RT | 1123 SF PAVEMENT AND SHOULDER |
| 2 | 9+00.00 | 12+00.00 | SB RIVERVIEW DR | RT | 301 LF SAWCUT |
| 2 | 10+24.27 | 16+17.76 | SB RIVERVIEW DR | LT | 618 LF SAWCUT |
| 2 | 11+27.35 | | SB RIVERVIEW DR | LT | SIGN AND POST |
| 2 | 12+04.90 | | SB RIVERVIEW DR | RT | SIGN AND POST |
| 2 | 12+07.71 | 12+16.19 | SB RIVERVIEW DR | BOTH | 73 LF 30" RCP |
| 2 | 12+11.29 | | SB RIVERVIEW DR | RT | MANHOLE AND 63 LF RCP |
| 2 | 12+14.53 | | SB RIVERVIEW DR | RT | SIGN AND TWO POSTS |
| 2 | 12+19.69 | | SB RIVERVIEW DR | LT | SIGN AND POST |
| 2 | 12+52.64 | 16+17.93 | SB RIVERVIEW DR | LT | 2224 SF SHOULDER |
| 2 | 12+67.03 | 15+13.13 | SB RIVERVIEW DR | LT | PAVED DITTCH |
| 2 | 12+69.17 | 15+86.07 | SB RIVERVIEW DR | RT | 642 LF SAWCUT |
| 2 | 12+69.17 | 15+86.07 | SB RIVERVIEW DR | RT | 3639 SF PAVEMENT AND MEDIAN STRIP |
| 2 | 13+48.39 | 15+52.18 | SB RIVERVIEW DR | LT | 204 LF GUARDRAIL |
| 2 | 13+40.00 | 15+10.00 | SB RIVERVIEW DR | LT | 8557 SF CONCRETE SLOPE PROTECTION |
| 2 | 15+99.21 | | SB RIVERVIEW DR | LT | LIGHT POLE |
| 2 | 16+42.30 | 18+00.00 | SB RIVERVIEW DR | RT | 342 LF SAWCUT |
| 2 | 16+42.30 | 18+00.00 | SB RIVERVIEW DR | RT | 1723 SF SIDEWALK |
| 2 | 16+50.28 | | SB RIVERVIEW DR | BOTH | 67 LF 12" RCP AND INLET |
| 2 | 16+54.01 | | SB RIVERVIEW DR | LT | SIGN AND POST |
| 2 | 17+93.14 | | SB RIVERVIEW DR | LT | LIGHT POLE |
| 2 | 200+04.82 | 200+54.54 | RAMP 3 | BOTH | 72 LF OF 15" RCP AND INLET |
| 2 | 200+04.82 | 200+45.39 | RAMP 3 | LT | 34 LF OF 12" RCP AND INLET |
| 2 | 200+14.47 | 203+56.11 | RAMP 3 | BOTH | 16204 SF PAVEMENT AND SHOULDER |
| 2 | 200+30.24 | | RAMP 3 | LT | SIGN AND POST |
| 2 | 200+56.21 | 203+59.93 | RAMP 3 | BOTH | PAVED DITCH |
| 2 | 200+62.15 | | RAMP 3 | LT | ITS PULL BOX |
| 2 | 200+94.36 | | RAMP 3 | LT | 36" FES |
| 2 | 200+96.18 | | RAMP 3 | RT | SIGN AND TWO POSTS |
| 2 | 201+19.53 | | RAMP 3 | LT | LIGHT POLE |
| 2 | 201+27.32 | | RAMP 3 | LT | SIGN AND TWO POSTS |
| 2 | 201+91.35 | | RAMP 3 | LT | SIGN AND TWO POSTS |
| 2 | 202+46.78 | | RAMP 3 | LT | SIGN AND TWO POSTS |
| 2 | 202+66.06 | | RAMP 3 | RT | SIGN AND POST |
| 2 | 203+01.18 | | RAMP 3 | LT | LIGHT POLE |
| 2 | 203+20.76 | | RAMP 3 | RT | LIGHT POLE |
| 2 | 400+13.30 | 403+07.10 | RAMP 4 | BOTH | 18736 SF PAVMENT AND SHOULDER |
| 2 | 400+23.92 | | RAMP 4 | LT | SIGN AND POST |
| 2 | 400+41.51 | 401+35.76 | RAMP 4 | LT | 98 LF 36" RCP AND HEADWALL |
| 2 | 400+44.90 | 400+58.77 | RAMP 4 | LT | MANHOLE AND 14 LF 12" RCP |
| 2 | 400+49.03 | | RAMP 4 | LT | MANHOLE AND 62 LF 15" RCP |
| 2 | 400+51.11 | 403+13.47 | RAMP 4 | LT | PAVED DITCH |
| 2 | 400+54.68 | | RAMP 4 | LT | SIGN AND POST |
| 2 | 400+61.36 | | RAMP 4 | LT | LIGHT POLE |
| 2 | 401+17.15 | | RAMP 4 | RT | SIGN AND POST |
| 2 | 401+69.57 | | RAMP 4 | RT | LIGHT POLE |
| 2 | 401+71.96 | 403+03.62 | RAMP 4 | LT | 132 LF GUARDRAIL AND CRASHWORTHY END |
| 2 | 401+72.00 | 402+74.18 | RAMP 4 | RT | 95 LF FENCE |
| 3 | 1776+00.00 | 1779+44.76 | I-270 EB | LT | 17627 SF PAVEMENT AND SHOULDER |
| 3 | 1776+00.00 | 1779+44.76 | I-270 EB | BOTH | 354 LF GUARDRAIL |
| 3 | 1776+83.90 | | I-270 EB | LT | LIGHT POLE |
| REMOVAL OF IMPROVEMENTS (CONTINUED IN TABLE TO THE RIGHT) | | | | | |

| REMOVAL OF IMPROVEMENTS (CONTINUED FROM TABLE TO THE LEFT) | | | | | |
|---|---|---|---|---|---|
| 3 | 1779+44.76 | | I-270 EB | LT | 81 LF SAWCUT |
| 3 | 2776+13.38 | 2779+58.14 | I-270 WB | LT | 13321 SF PAVEMENT AND SHOULDER |
| 3 | 2776+13.38 | 2777+92.85 | I-270 WB | LT | 180 LF CONCRETE BARRIER |
| 3 | 2776+13.38 | 2779+58.14 | I-270 WB | LT | 345 LF CONCRETE BARRIER |
| 3 | 2776+13.38 | 2776+35.21 | I-270 WB | LT | 22 LF GUARDRAIL AND CRASHWORTHY END |
| 3 | 2776+51.51 | | I-270 WB | LT | SIGN AND POST |
| 3 | 2777+00.33 | | I-270 WB | LT | LIGHT POLE |
| 3 | 2778+64.31 | | I-270 WB | LT | SIGN AND POST |
| 3 | 2779+01.00 | | I-270 WB | LT | LIGHT POLE |
| 3 | 203+56.11 | 206+85.13 | RAMP 3 | LT | 6751 SF PAVEMENT AND SHOULDER |
| 3 | 203+59.13 | 204+24.23 | RAMP 3 | LT | PAVED DITCH |
| 3 | 203+68.79 | | RAMP 3 | LT | SIGN AND POST |
| 3 | 204+15.87 | | RAMP 3 | LT | SIGN AND POST |
| 3 | 204+23.64 | 207+18.13 | RAMP 3 | LT | 353 LF GUARDRAIL |
| 3 | 204+25.62 | | RAMP 3 | LT | SIGN AND TWO POSTS |
| 3 | 204+40.78 | | RAMP 3 | LT | SIGN AND POST |
| 3 | 204+82.35 | | RAMP 3 | LT | SIGN AND TWO POSTS |
| 3 | 204+94.91 | | RAMP 3 | LT | PULL BOX |
| 3 | 205+67.27 | | RAMP 3 | LT | LIGHT POLE |
| 3 | 206+30.43 | | RAMP 3 | LT | SIGN AND TWO POSTS |
| 3 | 206+41.55 | | RAMP 3 | LT | SIGN AND TWO POSTS |
| 3 | 207+00.99 | | RAMP 3 | LT | SIGN AND TWO POSTS |
| 3 | 402+74.18 | 405+26.17 | RAMP 4 | RT | 255 LF FENCE |
| 3 | 403+07.10 | 405+81.86 | RAMP 4 | LT | 4970 SF PAVEMENT AND SHOULDER |
| 3 | 8+57.85 | 9+00.00 | NB RIVERVIEW DR | RT | 54 LF SAWCUT |
| 3 | 8+57.85 | 9+00.00 | NB RIVERVIEW DR | RT | 415 SF SHOULDER |
| 3 | 8+75.18 | | NB RIVERVIEW DR | RT | SIGN AND TWO POSTS |
| 3 | 18+70.16 | | NB RIVERVIEW DR | RT | LIGHTING POWER SUPPLY ON WOOD POLE |
| 3 | 18+00.00 | 19+42.05 | SB RIVERVIEW DR | RT | 290 LF SAWCUT |
| 3 | 18+00.00 | 19+42.05 | SB RIVERVIEW DR | RT | 1503 SF SIDEWALK |
| 3 | 18+00.00 | 19+56.35 | SB RIVERVIEW DR | LT | 186 LF SAWCUT |
| 3 | 18+00.00 | 19+56.35 | SB RIVERVIEW DR | LT | 872 SF SHOULDER |
| 3 | 18+55.58 | | SB RIVERVIEW DR | RT | LIGHT POLE |
| 3 | 19+79.84 | 20+25.15 | SB RIVERVIEW DR | LT | 75 LF SAWCUT |
| 3 | 19+79.84 | 20+25.15 | SB RIVERVIEW DR | LT | 329 SF SHOULDER |

| EARTHWORK | | | | |
|---|---|---|---|---|
| LOCATION | CLASS A EXCAVATION (CY) | COMPACTING EMBANKMENT (CY) | COMPACTING IN CUT (STA) | REMARKS |
| I-270 EASTBOUND | 44515 | 44515 | 28.6 | |
| I-270 WESTBOUND | 33978 | 33978 | 30.6 | |
| RAMP 1 | 3016 | 2723 | 8.0 | |
| RAMP 2 | 4464 | 954 | 10.0 | |
| RAMP 3 | 12387 | 951 | 5.1 | |
| RAMP 4 | 4025 | 4025 | 4.5 | |
| RIVERVIEW DRIVE NORTHBOUND | 767 | 242 | 9.0 | |
| RIVERVIEW DRIVE SOUTHBOUND | 1038 | 54 | 12.8 | |
| EXCAVATION FOR ROCK FILL | 1565 | | | 1 FT. DEPTH |
| EXCAVATION FOR ROCK BLANKET | 378 | | | 2 FT. DEPTH |
| CHAIN OF ROCKS BRIDGE - WEST ABUTMENT GRADING | 2441 | 2441 | | |
| | | | | |
| TOTALS | 108574 | 89883 | 108.6 | |
| USE | 108574 | 89883 | 108.6 | |
| REMOVAL OF EXISTING CONCRETE OR COMPOSITE PAVEMENT IS INCLUDED IN REMOVAL OF IMPROVEMENTS AND IS NOT INCLUDED IN EARTHWORK PAY ITEM. | | | | |
| EMBANKMENT IN PLACE (BORROW MATERIAL) | | 31367 | | |
| | | | | |

PRELIMINARY

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DATE

DATE PREPARED
3/16/2022

ROUTE I-270 | STATE MO

DISTRICT SL | SHEET NO. 3

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
|---|---|
| | |

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HORNER SHIFRIN
401 S. 18TH ST., STE. 400 ST. LOUIS, MO 63103
314-431-4321 - FAX 314-431-8866
WWW.HORNERSHIFRIN.COM
DISCIPLINE: CIVIL ENGINEERING
CERTIFICATE OF AUTHORITY: 000159
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW

SCHEDULE OF QUANTITIES

SHEET 2 OF 11

## COMPACTING IN CUT

| PLAN SHEET | STATION | STATION | LOCATION | LENGTH (STA) | REMARKS |
|---|---|---|---|---|---|
| 4, 5 | 1740+00.25 | 1766+50.00 | I-270 EASTBOUND | 26.5 | |
| 5 | 1771+00.00 | 1771+50.00 | I-270 EASTBOUND | 0.5 | |
| 5 | 1773+48.90 | 1773+59.07 | I-270 EASTBOUND | 0.1 | |
| 6 | 1776+50.00 | 1777+00.00 | I-270 EASTBOUND | 0.5 | |
| 6 | 1778+00.00 | 1779+00.00 | I-270 EASTBOUND | 1.0 | |
| 4, 5 | 2740+00.00 | 2763+50.00 | I-270 WESTBOUND | 23.5 | |
| 5 | 2765+50.00 | 2766+00.00 | I-270 WESTBOUND | 0.5 | |
| 5 | 2771+00.00 | 2771+50.00 | I-270 WESTBOUND | 0.5 | |
| 5,6 | 2773+66.34 | 2779+75.27 | I-270 WESTBOUND | 6.1 | |
| 4, 5 | 103+51.87 | 111+50.00 | RAMP 1 | 8.0 | |
| 4, 5 | 302+68.30 | 312+63.50 | RAMP 2 | 10.0 | |
| 5, 6 | 200+15.54 | 205+23.97 | RAMP 3 | 5.1 | |
| 5, 6 | 400+13.32 | 404+66.15 | RAMP 4 | 4.5 | |
| 5, 6 | 9+00.00 | 10+50.00 | RIVERVIEW DRIVE NORTHBOUND | 1.5 | |
| 5, 6 | 11+50.00 | 19+00.00 | RIVERVIEW DRIVE NORTHBOUND | 7.5 | |
| 5, 6 | 7+50.00 | 20+30.11 | RIVERVIEW DRIVE SOUTHBOUND | 12.8 | |
| | | | | | |
| | | | TOTAL | 108.5 | |
| | | | USE | 108.5 | |
| | | | | | |

## EMBANKMENT MONITORING

| STATION | OFFSET | LOCATION | SETTLEMENT GAUGE (EACH) | PORE PRESSURE MEASUREMENT DEVICE (EACH) | REMARKS |
|---|---|---|---|---|---|
| 1773+86.97 | 31.7' RT. | I-270 EASTBOUND | 1 | | |
| 1775+86.96 | 29.0' RT. | I-270 EASTBOUND | | 1 | |
| 1776+14.70 | 33.9' RT. | I-270 EASTBOUND | 1 | | |
| 1776+89.80 | 17.6' RT. | I-270 EASTBOUND | | 1 | |
| 1777+01.42 | 77.7' RT. | I-270 EASTBOUND | 1 | | |
| 1777+78.91 | 21.4' RT. | I-270 EASTBOUND | 1 | | |
| 1778+12.32 | 50.0' RT. | I-270 EASTBOUND | | 1 | |
| 1779+11.63 | 16.7' RT. | I-270 EASTBOUND | 1 | | |
| | | | | | |
| | | TOTAL | 5 | 3 | |
| | | USE | 5 | 3 | |
| | | | | | |

## ROCK FILL

| STATION | STATION | LOCATION | FURNISHING ROCK FILL (CY) | PLACING ROCK FILL (CY) | REMARKS |
|---|---|---|---|---|---|
| 1755+00.00 | 1772+12.03 | I-270 EASTBOUND | 1205 | 1205 | |
| 1773+38.25 | 1779+78.82 | I-270 EASTBOUND | 360 | 360 | |
| | | | | | |
| | | TOTAL | 1565 | 1565 | |
| | | USE | 1565 | 1565 | |
| | | | | | |

## ROCK BASE

| STATION | STATION | LOCATION | FURNISHING ROCK BASE MATERIAL (SY) | PLACING ROCK BASE (18 IN. THICK) (SY) | REMARKS |
|---|---|---|---|---|---|
| 1740+00.25 | 1779+53.84 | I-270 EASTBOUND | 34374 | 34374 | |
| 2740+00.00 | 2779+75.27 | I-270 WESTBOUND | 33382 | 33382 | |
| 103+51.87 | 111+50.00 | RAMP 1 | 4220 | 4220 | |
| 302+68.30 | 312+63.50 | RAMP 2 | 5708 | 5708 | |
| 200+15.54 | 205+23.97 | RAMP 3 | 3616 | 3616 | |
| 400+13.32 | 404+66.15 | RAMP 4 | 2622 | 2622 | |
| | | | | | |
| | | TOTAL | 83922 | 83922 | |
| | | USE | 83922 | 83922 | |
| | | | | | |

## TYPE 5 AGGREGATE BASE

| PLAN SHEET | STATION | STATION | LOCATION | 4" TYPE 5 AGGREGATE BASE (SY) | REMARKS |
|---|---|---|---|---|---|
| 5, 6 | 10+63.18 | 19+42.08 | RIVERVIEW DRIVE NORTHBOUND | 1236.2 | |
| 5, 6 | 11+33.22 | 20+30.03 | RIVERVIEW DRIVE SOUTHBOUND | 521.2 | |
| | | | | | |
| | | | TOTAL | 1757.4 | |
| | | | USE | 1757 | |
| | | | | | |

## GRAVEL (A) OR CRUSHED STONE (B)

| PLAN SHEET | STATION | STATION | LOCATION | 6" GRAVEL (A) OR CRUSHED STONE (B) (VOLUME) | (TONS) | REMARKS |
|---|---|---|---|---|---|---|
| 5, 6 | | | ACCESS ROAD | 251 | 351 | |
| 5, 6 | 11+56.96 | 15+80.02 | RIVERVIEW DRIVE NORTHBOUND | 94 | 131 | |
| 5, 6 | 12+24.31 | 15+05.35 | RIVERVIEW DRIVE SOUTHBOUND | 52 | 73 | |
| | | | | | | |
| | | | TOTAL | | 555 | |
| | | | USE | | 555 | |
| | | | | | | |

## TYPE A2 SHOULDER

| PLAN SHEET | STATION | STATION | LOCATION | A2 SHOULDER (LF) | REMARKS |
|---|---|---|---|---|---|
| 4, 5 | 1752+89.38 | 1765+21.12 | I-270 EASTBOUND | 794.3 | |
| 6 | 1777+85.67 | 1779+27.37 | I-270 EASTBOUND | 88.2 | |
| 4 | 2748+08.43 | 2758+88.17 | I-270 WESTBOUND | 757.7 | |
| 5, 6 | 2774+95.32 | 2779+58.14 | I-270 WESTBOUND | 266.4 | |
| 4, 5 | 103+51.87 | 117+00.77 | RAMP 1 | 1109.7 | |
| 4, 5 | 302+68.30 | 309+00.00 | RAMP 2 | 421.4 | |
| 5, 6 | 200+15.54 | 205+23.97 | RAMP 3 | 400.8 | |
| 5, 6 | 400+13.32 | 404+66.15 | RAMP 4 | 403.2 | |
| | | | | | |
| | | | TOTAL | 4241.8 | |
| | | | USE | 4242 | |
| | | | | | |

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ROUTE I-270 | STATE MO

DISTRICT SL | SHEET NO. 3

COUNTY ST. LOUIS CITY/ ST. LOUIS

JOB NO. J6I3020C

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I-270 AND RIVERVIEW

SCHEDULE OF QUANTITIES

SHEET 3 OF 11

## NON-REINFORCED PCCP

| PLAN SHEET | STATION | STATION | LOCATION | 9.5" PCCP (LF) | 10" PCCP (LF) | 11" PCCP (LF) | REMARKS |
|---|---|---|---|---|---|---|---|
| 4 | 735+70.18 | 740+00.00 | EXISTING I-270 | | | 1373.4 | |
| 4, 5 | 1740+00.25 | 1771+71.27 | I-270 EASTBOUND | | | 20534.3 | |
| 5, 6 | 1773+90.68 | 1779+27.37 | I-270 EASTBOUND | | | 3606.3 | |
| 4, 5 | 2740+00.00 | 2771+95.26 | I-270 WESTBOUND | | | 20534.2 | |
| 5, 6 | 2773+75.82 | 2779+58.14 | I-270 WESTBOUND | | | 3888.7 | |
| 4, 5 | 103+51.87 | 111+50.00 | RAMP 1 | 1770.9 | | | |
| 4, 5 | 302+68.30 | 312+63.50 | RAMP 2 | 3754.2 | | | |
| 5, 6 | 200+15.54 | 205+23.97 | RAMP 3 | 1825.9 | | | |
| 5, 6 | 400+13.32 | 404+66.15 | RAMP 4 | 1213.4 | | | |
| 5, 6 | 10+63.18 | 19+42.08 | RIVERVIEW DRIVE NORTHBOUND | | 1236.2 | | |
| 5, 6 | 11+33.22 | 20+30.03 | RIVERVIEW DRIVE SOUTHBOUND | | 521.2 | | |
| | | | | | | | |
| | | | TOTAL | 8564.4 | 1757.4 | 49937.0 | |
| | | | USE | 8565 | 1758 | 49937 | |
| | | | | | | | |

## CONCRETE APPROACH PAVEMENT

| PLAN SHEET | STATION | STATION | LOCATION | CONCRETE APPROACH PAVEMENT (SY) | REMARKS |
|---|---|---|---|---|---|
| 5 | 1771+71.27 | 1771+88.64 | I-270 EASTBOUND | 123.1 | |
| 5 | 2771+72.99 | 2771+95.26 | I-270 WESTBOUND | 124.4 | |
| 5 | 1773+68.41 | 1773+90.68 | I-270 EASTBOUND | 124.4 | |
| 5 | 2773+75.82 | 2773+92.40 | I-270 WESTBOUND | 123.1 | |
| | | | | | |
| | | | TOTAL | 495.0 | |
| | | | USE | 495.0 | |
| | | | | | |

## GUARDRAIL

| PLAN SHEET | FROM STA. | TO STA. | ALIGNMENT | LOCATION | MGS GUARDRAIL (LF) | 8 FT POST MGS GUARDRAIL (LF) | MGS BRIDGE APPROACH TRANSITION (EA) | TYPE A CET (MASH) (EA) | TYPE C CET (MASH) (EA) | TYPE E CET (MASH) (EA) |
|---|---|---|---|---|---|---|---|---|---|---|
| 4 | 735+70.18 | 735+91.70 | I-270 | 0' | | | | | | 1 |
| 4 | 1740+00.25 | 1747+45.38 | EB I-270 | 46' RT | 745.1 | | | | | |
| 4 | 2739+99.09 | 2745+74.09 | WB I-270 | 46'-50' LT | 575.0 | | | | | |
| 4, 5 | 2745+74.09 | 2750+24.09 | WB I-270 | 46'-50' LT | | 450.0 | | | | |
| 5 | 2750+24.09 | 2755+42.61 | WB I-270 | 46'-50' LT | 518.5 | | | | | |
| 5 | 1759+91.66 | 1760+79.16 | EB I-270 | 56'-59' RT | 37.5 | | | 1 | | |
| 5, 6 | 100+00.00 | 111+50.00 | RAMP 1 | 8' LT | 1150.0 | | | 1 | | |
| 5, 6 | 2754+79.20 | 2768+00.00 | WB I-270 | 10'' RT | 1283.3 | | 1 | | | |
| 6 | 1764+29.62 | 1767+92.12 | EB I-270 | 46'-47' RT | 312.5 | | 1 | 1 | | |
| 6 | 1767+92.12 | 1770+54.62 | EB I-270 | 46' RT | | 262.5 | | | | |
| 6 | 1770+54.62 | 1772+04.62 | EB I-270 | 46' RT | 112.5 | | 1 | | | |
| 6 | 303+75.00 | 305+00.00 | RAMP 2 | 18' LT | 37.5 | | 1 | 1 | | |
| 6 | 308+00.00 | 309+00.00 | RAMP 2 | 8'-13' RT | 12.5 | | 1 | 1 | | |
| 6 | 2773+59.04 | 2775+84.04 | WB I-270 | 46' LT | 137.5 | | 1 | 1 | | |
| 6, 7 | 201+18.47 | 207+33.09 | RAMP 3 | 6'-20' LT | 612.5 | | 1 | | | |
| 6, 7 | 401+34.34 | 406+46.84 | RAMP 4 | 6'-8' RT | 425.0 | | 1 | 1 | | |
| 6 | 12+04.34 | 12+19.81 | NB RIVERVIEW DR | 28' LT | | | | | 1 | |
| 6 | 15+44.12 | 15+59.59 | NB RIVERVIEW DR | 29' LT | | | | | 1 | |
| 7 | 2779+71.80 | 2780+09.30 | WB I-270 | 54' LT | | | 1 | | | |
| | | | | | | | | | | |
| | | | | TOTAL | 5959.4 | 712.5 | 9 | 7 | 2 | 1 |
| | | | | PAY TOTAL | 5960 | 713 | 9 | 7 | 2 | 1 |
| | | | | | | | | | | |

NOTE: ALL GRADING FOR MASH CWETs SHALL USE ALTERNATE GRADING LIMITS AS SHOWN IN THE STANDARD PLANS.

## GUARD CABLE

| PLAN SHEET | FROM STA. | TO STA. | ALIGNMENT | LOCATION | GUARD CABLE ANCHOR ASSEMBLY THREE-STRAND (EA) |
|---|---|---|---|---|---|
| 4 | 735+18.18 | 735+50.15 | I-270 | 1' RT | 1 |
| | | | | | |
| | | | | TOTAL | 1 |
| | | | | PAY TOTAL | 1 |

## CONCRETE MEDIAN STRIP

| PLAN SHEET | FROM STA. | TO STA. | ALIGNMENT | LOCATION | 6" CONCRETE MEDIAN STRIP (SY) |
|---|---|---|---|---|---|
| 6 | 311+89.49 | 312+76.14 | RAMP 2 | RT | 195.8 |
| 6 | 200+05.08 | 200+51.78 | RAMP 3 | LT | 54.3 |
| 6 | 16+42.52 | 18+00.00 | SB RIVERVIEW DR | MEDIAN | 313.7 |
| 8 | 18+00.00 | 18+97.77 | SB RIVERVIEW DR | MEDIAN | 163.6 |
| | | | | | |
| | | | | TOTAL | 727.4 |
| | | | | PAY TOTAL | 727.4 |

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ROUTE I-270 | STATE MO

DISTRICT SL | SHEET NO. 3

COUNTY
ST. LOUIS CITY/ ST. LOUIS

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I-270 AND RIVERVIEW

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SHEET 4 OF 11

## FENCE

| PLAN SHEET | STATION | STATION | LOCATION | CHAIN-LINK FENCE 60" (LF) | CHAIN-LINK FENCE FOR RETAINING WALLS (LF) | REMARKS |
|---|---|---|---|---|---|---|
| 5 | 104+22.13 | 110+50.00 | RAMP 1 | 633 | | |
| 5 | 12+24.28 | 12+88.29 | RIVERVIEW DRIVE SOUTH | | 64 | WALL A9001 |
| 5 | 14+32.43 | 15+05.32 | RIVERVIEW DRIVE SOUTH | | 73 | |
| 5 | 12+06.67 | 12+67.72 | RIVERVIEW DRIVE NORTH | | 61 | |
| 5 | 14+11.87 | 14+64.67 | RIVERVIEW DRIVE NORTH | | 53 | |
| 5, 6 | 1774+47.45 | 1779+74.62 | I-270 EASTBOUND | 644 | | |
| | | | | | | |
| | | | TOTAL | 1277 | 251 | |
| | | | USE | 1277 | 251 | |
| | | | | | | |

## PERMANENT CONCRETE TRAFFIC BARRIER

| PLAN SHEET | FROM STA. | TO STA. | ALIGNMENT | LOCATION | TYPE C BARRIER (LF) | TYPE D BARRIER (LF) | TYPE D BARRIER (MODIFIED) (LF) | REMARKS |
|---|---|---|---|---|---|---|---|---|
| 4 | 735+91.70 | 740+00.00 | I-270 | 0' RT | 408.3 | | | |
| 4, 5 | 1740+00.25 | 1754+54.91 | EB I-270 | 11' LT | 1454.7 | | | |
| 5, 6 | 1754+54.91 | 1771+95.77 | EB I-270 | 11' LT | | 1740.9 | | |
| 5 | 2754+54.20 | 2754+79.20 | WB I-270 | 11' RT | | 25.0 | | |
| 6 | 2768+00.00 | 2772+06.34 | WB I-270 | 11' RT | | 406.3 | | |
| 6, 7 | 1773+57.32 | 1779+78.52 | EB I-270 | 11' LT | | 621.2 | | |
| 6, 7 | 2773+67.89 | 2779+95.69 | WB I-270 | 11' RT | | 627.8 | | |
| 6 | 305+00.00 | 305+50.00 | RAMP 2 | 19' LT | | 50.0 | | |
| 6 | 305+50.00 | 311+50.00 | RAMP 2 | 19' LT | | | 600.0 | |
| 6 | 311+50.00 | 312+00.00 | RAMP 2 | 19' LT | | 50.0 | | |
| 6 | 309+00.00 | 312+74.06 | RAMP 2 | 13'-92' RT | | 386.2 | | |
| 6 | 12+19.81 | 15+44.12 | NB RIVERVIEW DR | 31' RT | 324.3 | | | |
| | | | | | | | | |
| | | | | TOTAL | 2187.3 | 3907.4 | 600.0 | |
| | | | | PAY TOTAL | 2188 | 3908 | 600 | |

## TEMPORARY CONCRETE TRAFFIC BARRIER

| PLAN SHEET | FROM STA. | TO STA. | ALIGNMENT | LOCATION | TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/ COMMISSION RETAINED (LF) |
|---|---|---|---|---|---|
| 4 | 1740+00.25 | 1741+00.00 | EB I-270 | 41-46' RT | 100 |
| 4 | 2740+00.00 | 2741+56.60 | WB I-270 | 41'-46' LT | 157 |
| | | | | | |
| | | | | TOTAL | 257 |
| | | | | PAY TOTAL | 257 |

## EROSION CONTROL BLANKET

| LOCATION | TYPE 1C EROSION CONTROL BLANKET (SY) | REMARKS |
|---|---|---|
| I-270 EASTBOUND | 16000 | |
| | | |
| TOTAL | 16000 | |
| USE | 16000 | |
| | | |

## CURB AND GUTTER

| PLAN SHEET | FROM STA. | TO STA. | ALIGNMENT | LOCATION | TYPE A GUTTER (LF) | MODIFIED TYPE B GUTTER (LF) | TYPE S 6" CURB (LF) |
|---|---|---|---|---|---|---|---|
| 5 | 310+25.00 | 312+39.94 | RAMP 2 | RT | 214.9 | | |
| 5 | 9+00.00 | 11+36.36 | SB RIVERVIEW DR | RT | | | 239.5 |
| 5 | 9+00.00 | 11+36.40 | NB RIVERVIEW DR | LT | | | 247.2 |
| 5 | 11+60.39 | 15+80.02 | NB RIVERVIEW DR | RT | | | 419.6 |
| 5 | 1+77.88 | 16+17.93 | SB RIVERVIEW DR | LT | | | 440.1 |
| 5 | 12+06.67 | 12+67.62 | NB RIVERVIEW DR | RT | | 60.9 | |
| 5 | 12+24.28 | 12+88.29 | SB RIVERVIEW DR | LT | | 64.0 | |
| 5 | 14+11.87 | 14+64.67 | NB RIVERVIEW DR | RT | | 52.8 | |
| 5 | 14+32.43 | 15+05.32 | SB RIVERVIEW DR | LT | | 72.9 | |
| 6 | 7+11.22 | 9+00.00 | SB RIVERVIEW DR | RT | | | 189.5 |
| 6 | 8+63.27 | 9+00.00 | NB RIVERVIEW DR | LT | | | 42.0 |
| | | | | | | | |
| | | | | TOTAL | 214.9 | 250.7 | 1577.9 |
| | | | | PAY TOTAL | 215 | 251 | 1578 |

## TEMPORARY EROSION CONTROL

| EROSION CONTROL SHEET | SILT FENCE (LF) | ROCK DITCH CHECKS (LF) | SEDIMENT REMOVAL (CY) | REMARKS |
|---|---|---|---|---|
| 1 | 1781.3 | 56 | 21.8 | |
| 2 | 1754.3 | 432 | 38.5 | |
| 3 | 2094.3 | 1514 | 94.9 | |
| 4 | 1510.8 | 184 | 24.1 | |
| 5 | 619.3 | | 6.2 | |
| | | | | |
| TOTALS | 7760.0 | 2186 | 185.6 | |
| USE | 7760 | 2186 | 186 | |
| | | | | |

## MOBILIZATION - PHASING WITH IDOT PROJECT

| LOCATION | MOBILIZATION - PHASING WITH IDOT PROJECT (EA) | REMARKS |
|---|---|---|
| I-270/RIVERVIEW | 2 | |
| | | |
| TOTAL | 2 | |
| USE | 2 | |
| | | |

## SEEDING

| LOCATION | SEEDING (AC) | REMARKS |
|---|---|---|
| I-270/RIVERVIEW | 15.6 | |
| | | |
| TOTAL | 15.6 | |
| USE | 15.6 | |
| | | |

## NON-CONTRACT ITEMS (BY OTHERS)

| PLAN SHEET | STATION | LOCATION | 2" ALUMINUM CAP WITH MODOT R/W IMPRINT (EACH) | 6 FT. CARSONITE POST WITH MODOT R/W STICKER (EACH) | 24" SURVEY PIN (EACH) | REMARKS |
|---|---|---|---|---|---|---|
| 5 | 774+79.34 | EXISTING I-270 | 1 | 1 | 1 | |
| 5 | 775+31.09 | EXISTING I-270 | 1 | 1 | 1 | |
| 6 | 780+10.30 | EXISTING I-270 | 1 | 1 | 1 | |
| 6 | 782+51.01 | EXISTING I-270 | 1 | 1 | 1 | |
| | | | | | | |
| | | TOTAL | 4 | 4 | 4 | |
| | | | | | | |

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ROUTE I-270 | STATE MO

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I-270 AND RIVERVIEW

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SHEET 5 OF 11

## STORM SEWER PIPES

| CULVERT SHEET | NAME | STRUCTURE FROM | TO | LOCATION FROM STA | OFFSET | LOCATION TO STA | OFFSET | ACO HIGHWAYDRAIN HD200 | GROUP A PIPE | | | | | | PIPE COLLAR TYPE A | CLASS 3 EXCAVATION | ROCK BLANKET | ROCK LINING |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 15 IN | 18 IN | 24 IN | 30 IN | 36 IN | 42 IN | | | | |
| | | | | | | | | (FT) | (FT) | (FT) | (FT) | (FT) | (FT) | (FT) | (EACH) | (CY) | (CY) | (CY) |
| 1 | SS-78 | 735-1 B | 735-2 B | 735+91.50 | 3.0' LT | 735+91.50 | 3.0' RT | | 2 | | | | | | | 0.4 | | |
| 5 | SS-TD | 735-2 B | 1741-2 B | 735+91.50 | 3.0' RT | 1741+02.75 | 8.0' LT | 507 | | | | | | | | 163.4 | | |
| 1 | SS-75 | 1741-1 B | 1741-2 B | 1741+02.75 | 14.0' LT | 1741+02.75 | 8.0' LT | | 2 | | | | | | | 0.4 | | |
| 1 | SS-76 | 1741-2 B | 1741-1 FES | 1741+02.75 | 8.0' LT | 1741+03.20 | 110.3' RT | | | | 114 | | | | | 453.2 | | |
| 1 | SS-77 | 1741-2 FES | 1741-1 B | 1741+02.40 | 123.7' LT | 1741+02.75 | 14.0' LT | | | | 108 | | | | | 392.6 | | |
| 1 | SS-12 | 108-3 S2 | 108-1 MH4 | 108+96.30 | 24.8' LT | 108+96.00 | 15.0' LT | | 10 | | | | | | | 5.1 | | |
| 1 | SS-36 | 1748-2 B | 1748-1 B | 1748+12.50 | 14.0' LT | 1748+12.50 | 8.0' LT | | 2 | | | | | | | 0.4 | | |
| 1 | SS-39 | 1748-1 B | 1748 FES | 1748+12.50 | 8.0' LT | 1748+04.20 | 165.4' RT | | 170 | | | | | | | 588.1 | | |
| 1 | CU-30 | 1758 FES | 1757-3 FES | 1758+22.60 | 71.3' RT | 1757+47.50 | 111.4' LT | | | | | 22 | | | 2 | 28.0 | | 4.15 |
| 2 | SS-55 | 12-1 A | 12-2 A | 12+34.60 | 27.5' LT | 12+34.00 | 34.7' LT | | 5 | | | | | | | 1.0 | | |
| 2 | SS-57 | 12-2 A | 12-5 A | 12+34.00 | 34.7' LT | 12+9.50 | 18.5' RT | | 53 | | | | | | | 15.5 | | |
| 2 | SS-32 | 1751-2 B | 1751-1 B | 1751+50.10 | 8.0' LT | 1751+50.10 | 14.0' LT | | | 6 | | | | | | 2.0 | | |
| 2 | SS-34 | 1751-1 B | 1755 B | 1751+50.10 | 14.0' LT | 1754+53.10 | 16.6' LT | | | 302 | | | | | | 340.4 | | |
| 2 | SS-33 | 1755 B | 1757-1 S2 | 1754+53.10 | 16.6' LT | 1757+00.00 | 14.9' LT | | | 246 | | | | | | 181.7 | | |
| 2 | SS-35 | 1757-1 S2 | 1758-1 S1 | 1757+00.00 | 14.9' LT | 1758+00.00 | 19.3' LT | | | | 100 | | | | | 100.6 | | |
| 3 | SS-27 | 1758-1 S1 | 1761-1 S2 | 1758+00.00 | 19.3' LT | 1761+00.00 | 23.0' LT | | | | 301 | | | | | 139.4 | | |
| 3 | SS-28 | 1761-1 S2 | 1764-1 S2 | 1761+00.00 | 23.0' LT | 1764+05.20 | 23.7' LT | | | | 307 | | | | | 649.8 | | |
| 3 | SS-29 | 1764-1 S2 | 108-2 S2 | 1764+05.20 | 23.7' LT | 108+92.20 | 23.0' RT | | | | 131 | | | | | 67.3 | | |
| 5 | SS-26 | 200-1 MH6 | 201 FES | 200+36.50 | 50.3' LT | 201+67.65 | 124.3' LT | | | | | | 86 | | 1 | 42.3 | | 9 |
| 5 | SS-13 | 16-5 A | 16-4 A | 16+51.00 | 31.4' RT | 16+47.60 | 46.7' RT | | 16 | | | | | | | 10.5 | | |
| 5 | SS-16 | 16-4 A | 16-5 MH5 | 16+47.60 | 46.7' RT | 16+54.14 | 41.9' RT | | 7 | | | | | | | 1.9 | | |
| 5 | SS-17 | 17-1 A | 16-5 MH5 | 17+17.00 | 34.4' LT | 16+54.14 | 41.9' RT | | 63 | | | | | | | 43.5 | | |
| 5 | SS-21 | 201-1 E | 200-1 S1 | 201+12.00 | 121.6' RT | 200+67.50 | 37.5' RT | | 95 | | | | | | | 91.8 | | |
| 5 | SS-15 | 200-1 S1 | 200-1 MH6 | 200+67.50 | 37.5' RT | 200+36.50 | 50.3' LT | | | 94 | | | | | | 97.0 | | |
| 6 | SS-9 | 1771-1 S1 | 1771-2 MH4 | 1771+39.50 | 18.0' LT | 1771+38.80 | 80.8' LT | | 62 | | | | | | | 97.9 | | |
| 6 | SS-10 | 1771-2 MH4 | 15-1 MH5 | 1771+38.80 | 80.8' LT | 15+11.80 | 41.9' LT | | 95 | | | | | | | 170.3 | | |
| 6 | SS-20 | 15-1 MH5 | 116-4 EX AREA INLET | 15+11.80 | 41.9' LT | 116+83.20 | 33.0' RT | | 98 | | | | | | | 81.6 | | |
| 6 | SS-25 | 15-2 E | 15-1 MH5 | 15+07.20 | 32.4' LT | 15+11.80 | 41.9' LT | | 10 | | | | | | | 2.7 | | |
| 6 | SS-73 | 1777-1 S1 | 403-1 FES | 1777+90.00 | 18.5' LT | 403+50.00 | 26.1' LT | | 146 | | | | | | | 55.8 | | |
| 7 | SS-51 | 15-1 A | 13-4 A | 15+00.00 | 19.3' RT | 13+49.45 | 18.2' RT | | 150 | | | | | | | 103.4 | | |
| 7 | SS-56 | 13-4 A | 12-5 A | 13+49.45 | 18.2' RT | 12+9.50 | 18.5' RT | | 140 | | | | | | | 122.8 | | |
| 7 | SS-58 | 12-5 A | 400-1 MH6 | 12+9.50 | 18.5' RT | 400+41.65 | 65.3' LT | | 14 | | | | | | | 10.2 | | |
| 7 | SS-41 | 400-1 MH6 | 400-2 S1 | 400+41.65 | 65.3' LT | 400+50.00 | 30.5' LT | | | | | | 34 | | | 87.7 | | |
| 7 | SS-50 | 400-2 S1 | 401-1 FES | 400+50.00 | 30.5' LT | 401+04.50 | 56.6' LT | | | | | | | 96 | | 252.4 | | 17.8 |
| 7 | SS-52 | 13-1 A | 13-2 A | 13+49.30 | 17.9' LT | 13+49.30 | 27.3' LT | | 48 | | | | | | | 26.7 | | |
| 7 | SS-53 | 13-2 A | 13-3 A | 13+49.30 | 27.3' LT | 13+49.30 | 24.5' LT | | 6 | | | | | | | 1.9 | | |
| 7 | SS-54 | 13-3 A | 13-4 A | 13+49.30 | 24.5' LT | 13+49.45 | 18.2' RT | | 46 | | | | | | | 32.9 | | |
| 7 | SS-42 | 312-3 E | 312-3 B | 312+39.10 | 70.9' RT | 312+38.70 | 63.7' RT | | | 5 | | | | | | 1.3 | | |
| 7 | SS-66 | 312-3 B | 312-2 A | 312+38.70 | 63.7' RT | 312+50.00 | 6.0' RT | | | 60 | | | | | | 53.1 | | |
| 7 | SS-61 | 312-2 A | 312-3 MH6 | 312+50.00 | 6.0' RT | 312+45.60 | 29.3' LT | | | 36 | | | | | | 34.1 | | |
| 7 | SS-60 | 312-3 MH6 | 400-1 MH6 | 312+45.60 | 29.3' LT | 400+41.65 | 65.3' LT | | | | | | 105 | | | 110.1 | | |
| 7 | SS-68 | 312-1 S1 | 11-1 A | 312+00.00 | 31.4' LT | 11+98.90 | 17.1' LT | | 37 | | | | | | | 37.7 | | |
| 7 | SS-69 | 11-1 A | 312-3 MH6 | 11+98.90 | 17.1' LT | 312+45.60 | 29.3' LT | | 19 | | | | | | | 17.6 | | |
| 8 | SS-70 | 305-S2 | 308-S2 | 305+14.35 | 32.1' LT | 308+00.00 | 23.5' LT | | 286 | | | | | | | 211.4 | | |
| 8 | SS-71 | 308-S2 | 310-2 S2 | 308+00.00 | 23.5' LT | 310+50.10 | 27.5' LT | | 255 | | | | | | | 252.7 | | |
| 8 | SS-65 | 310-2 S2 | 310-1 MH5 | 310+50.10 | 27.5' LT | 310+50.10 | 17.3' RT | | 45 | | | | | | | 39.5 | | |
| 8 | SS-62 | 310-1 MH5 | 312-3 MH6 | 310+50.10 | 17.3' RT | 312+45.60 | 29.3' LT | | | | | 200 | | | | 352.7 | | |
| | SS-63 | 309-1 S2 | 309-6 S1 | 309+02.95 | 28.5' RT | 309+50.25 | 29.6' RT | | | | 44 | | | | | 38.4 | | |
| 8 | SS-64 | 309-6 S1 | 309-2 MH5 | 309+50.25 | 29.6' RT | 309+72.00 | 18.0' RT | | | | 24 | | | | | 17.7 | | |
| 8 | SS-49 | 309-2 MH5 | 310-1 MH5 | 309+72.00 | 18.0' RT | 310+50.10 | 17.3' RT | | | | 77 | | | | | 102.6 | | |
| 8 | SS-72 | 400-3 E | 400-1 MH6 | 400+44.00 | 69.4' LT | 400+41.65 | 65.3' LT | | 5 | | | | | | | 0.3 | | |
| 8 | SS-67 | 1779-1 S1 | 1781-1 FES | 1779+50.75 | 156.1' RT | 1781+87.65 | 82.6' RT | | | | | | | 240 | | 461.0 | 377.8 | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | TOTAL | 507 | 1.886 | 748 | 1.206 | 222 | 226 | 336 | 3 | 6.193 | 378 | 31 |
| | | | | | | | PAY TOTAL | 507 | 1.886 | 748 | 1.206 | 222 | 226 | 336 | 3 | 6.193 | 378 | 31 |

PRELIMINARY

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE

DATE PREPARED
3/16/2022

ROUTE I-270 | STATE MO

DISTRICT SL | SHEET NO. 3

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HORNER SHIFRIN
401 S. 18TH ST., STE. 400 ST. LOUIS, MO 63103
314-431-4321 - FAX 314-431-8866
WWW.HORNERSHIFRIN.COM
DISCIPLINE: CIVIL ENGINEERING
CERTIFICATE OF AUTHORITY: 000169
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW

SCHEDULE OF QUANTITIES

SHEET 6 OF 11

# DRAINAGE STRUCTURES

| STRUCTURE ID | DRAINAGE PLAN SHEET | CULVERT SECTIONS SHEET | ROAD | STATION | OFFSET | TYPE | CALCED D | DEPTH D | PRECAST CONCRETE DROP INLETS | | | | | PRECAST CONCRETE MANHOLES | | | MANHOLE FRAME & COVER | | | | CURVED VANE GRATE & FRAME | | GRATE & BEARING PLATES | | | | FLARED END SECTION | | | | | CLASS 3 EXCAVATION | PIPE OPENINGS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | 2'X2' | 4'X2' | 3'X2' | 3'X3' | 5'X3' | 4' | 5' | 6' | TYPE 1-A | TYPE 1-B | TYPE 2 | TYPE 4 | 2'X2' | 4'X2' | 3'X2' | 2'X4' | 3'X3' | 5'X3' | 15" | 24" | 30" | 36" | 42" | | |
| | | | | | | | (FT) | (FT) | (FT) | (FT) | (FT) | (FT) | (FT) | (FT) | (FT) | (FT) | (EA) | (EA) | (EA) | (EA) | (EA) | (EA) | (EA) | (EA) | (EA) | (EA) | (EA) | (EA) | (EA) | (EA) | (EA) | (CY) | |
| 735-1 B | 1 | 1 | 270 | 735+91.50 | 3.0' LT | B | 4.8 | 4 | | 4 | | | | | | | | | | | | | | 1 | | | | | | | | 6.0 | 1-15" |
| 735-2 B | 1 | 1 | 270 | 735+91.50 | 3.0' RT | B | 4.6 | 4 | | 4 | | | | | | | | | | | | | | 1 | | | | | | | | 4.6 | 1-15", 1-8" TD |
| 1741-1 B | 1 | 1 | 270 | 1741+02.75 | 14.0' LT | B | 3.0 | 2 | | 2 | | | | | | | | | | | | | | 1 | | | | | | | | 4.9 | 1-15" |
| 1741-2 B | 1 | 1 | 270 | 1741+02.75 | 8.0' LT | B | 23.6 | 23 | | 23 | | | | | | | | | | | | | | 1 | | | | | | | | 27.1 | 1-8" TD, 2-24" |
| 1741-1 FES | 1 | 1 | 270 | 1741+03.20 | 110.3' RT | FES | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | 1-24" |
| 1741-2 FES | 1 | 1 | 270 | 1741+02.40 | 123.7' LT | FES | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | |
| 1748-2 B | 1 | 1 | 270 | 1748+12.50 | 14.0' LT | B | 3.1 | 2 | | 2 | | | | | | | | | | | | | | 1 | | | | | | | | 4.1 | 1-15" |
| 1748-1 B | 1 | 1 | 270 | 1748+12.50 | 8.0' LT | B | 17.1 | 16 | | 16 | | | | | | | | | | | | | | 1 | | | | | | | | 19.6 | 2-15" |
| 1748 FES | 1 | 1 | 270 | 1748+04.20 | 165.4' RT | FES | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | 1-15" |
| 1758 FES | 2 | 1 | 270 | 1758+22.60 | 71.3' RT | FES | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | 1-30" |
| 1757-3 FES | 2 | 1 | 270 | 1757+47.50 | 111.4' LT | FES | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | 1-30" |
| 108-3 S2 | 3 | 1 | RAMP 1 | 108+96.30 | 24.8' LT | S2 | 4.1 | 4 | | | 4 | | | | | | | | | | | | 1 | | | | | | | | | 6.5 | 1-15" |
| 108-1 MH4 | 3 | 1 | RAMP 1 | 108+96.00 | 15.0' LT | MH4 | 6.9 | 7 | | | | | | 7 | | | | | 1 | | | | | | | | | | | | | 12.6 | 1-15", 2-24" |
| 12-1 A | 3 | 2 | RIVERVIEW | 12+34.60 | 27.5' LT | A | 3.0 | 2 | 2 | | | | | | | | | | | | 1 | | | | | | | | | | | 2.8 | 1-15" |
| 12-2 A | 3 | 2 | RIVERVIEW | 12+34.00 | 34.7' LT | A | 3.1 | 2 | 2 | | | | | | | | | | | | 1 | | | | | | | | | | | 2.9 | 2-15" |
| 400-1 MH6 | 3 | 7 | RAMP 4 | 400+41.65 | 65.3' LT | MH6 | 12.3 | 12 | | | | | | | | 12 | 1 | | | | | | | | | | | | | | | 38.5 | 2-15", 2-36" |
| 1751-2 B | 2 | 2 | 270 | 1751+50.10 | 8.0' LT | B | 3.0 | 2 | | 2 | | | | | | | | | | | | | | 1 | | | | | | | | 4.1 | 1-18" |
| 1751-1 B | 2 | 2 | 270 | 1751+50.10 | 14.0' LT | B | 3.1 | 2 | | 2 | | | | | | | | | | | | | | 1 | | | | | | | | 4.1 | 2'-18" |
| 1755 B | 2 | 2 | 270 | 1754+53.10 | 16.6' LT | B | 3.0 | 2 | | 2 | | | | | | | | | | | | | | 1 | | | | | | | | 4.1 | 2-18" |
| 1757-1 S2 | 2 | 2 | 270 | 1757+00.00 | 14.9' LT | S2 | 3.3 | 3 | | | | 3 | | | | | | | | | | | 1 | | | | | | | | | 4.5 | 1-18", 1-24" |
| 1758-1 S1 | 2 | 3 | 270 | 1758+00.00 | 19.3' LT | S1 | 3.6 | 4 | | | | 4 | | | | | | | | | | | 1 | | | | | | | | | 4.9 | 2-24" |
| 1761-1 S2 | 2 | 3 | 270 | 1761+00.00 | 23.0' LT | S2 | 7.2 | 7 | | | | 7 | | | | | | | | | | | 1 | | | | | | | | | 9.2 | 2-24" |
| 1764-1 S2 | 3 | 3 | 270 | 1764+05.20 | 23.7' LT | S2 | 11.0 | 11 | | | | 11 | | | | | | | | | | | 1 | | | | | | | | | 4.5 | 2-24" |
| 108-2 S2 | 3 | 3 | RAMP 1 | 108+92.20 | 23.0' RT | S2 | 5.9 | 6 | | | | 6 | | | | | | | | | | | 1 | | | | | | | | | 6.4 | 2-24" |
| 108-1 MH4 | 3 | 3 | RAMP 1 | 108+96.00 | 15.0' LT | MH4 | 6.9 | 7 | | | | | | 7 | | | | | 1 | | | | | | | | | | | | | 12.6 | 1-12",2-24" |
| 16-5 MH5 | 3 | 4 | RIVERVIEW | 16+54.14 | 41.9' RT | MH5 | 13.3 | 13 | | | | | | | 13 | | 1 | | | | | | | | | | | | | | | 34.2 | 2-15", 2-36" |
| 200-1 MH6 | 3 | 4 | RAMP 3 | 200+36.50 | 50.3' LT | MH6 | 14.1 | 14 | | | | | | | | 14 | | | | 1 | | | | | | | | | | | | 44.5 | 1-18",'2-36" |
| 201 FES | 3 | 5 | RAMP 3 | 201+67.65 | 124.3' LT | FES | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | 1-36" |
| 16-6 EX. AREA | 3 | 5 | RIVERVIEW | 16+50.05 | 15.2' RT | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | |
| 16-5 A | 3 | 5 | RIVERVIEW | 16+51.00 | 31.4' RT | A | 4.3 | 3 | | 3 | | | | | | | | | | | | 1 | | | | | | | | | | 5.4 | 1-15" |
| 16-4 A | 3 | 5 | RIVERVIEW | 16+47.60 | 46.7' RT | A | 5.0 | 4 | 4 | | | | | | | | | | | | 1 | | | | | | | | | | | 6.2 | 2-15" |
| 17-1 A | 3 | 5 | RIVERVIEW | 17+17.00 | 34.4' LT | A | 3.5 | 3 | | 3 | | | | | | | | | | | | 1 | | | | | | | | | | 4.3 | 1-15" |
| 201-1 E | 3 | 5 | RAMP 3 | 201+12.00 | 121.6' RT | E | 14.7 | 15 | | | 15 | | | | | | | | | | | | | | | | | | | | | 14.3 | 1-15" |
| 200-1 S1 | 3 | 5 | RAMP 3 | 200+67.50 | 37.5' RT | S1 | 4.3 | 4 | | | | 4 | | | | | | | | | | | | | 1 | | | | | | | 5.2 | 2-15" |
| 1771-1 S1 | 3 | 6 | 270 | 1771+39.50 | 18.0' LT | S1 | 11.0 | 11 | | | 11 | | | | | | | | | | | | 1 | | | | | | | | | 11.0 | 1-15" |
| 1771-2 MH4 | 3 | 6 | 270 | 1771+38.80 | 80.8' LT | MH4 | 18.6 | 19 | | | | | | 19 | | | | 1 | | | | | | | | | | | | | | 41.8 | 2-15" |
| 15-1 MH5 | 3 | 6 | RIVERVIEW | 15+11.80 | 41.9' LT | MH5 | 6.3 | 6 | | | | | | | 6 | | | | 1 | | | | | | | | | | | | | 14.7 | 1-15",2-15" |
| 15-2 E | 3 | 6 | RIVERVIEW | 15+07.20 | 32.4' LT | E | 3.0 | 3 | | | 3 | | | | | | | | | | | | | | | | | | | | | 3.4 | 1-15" |
| 1777-1 S1 | 4 | 6 | RIVERVIEW | 1777+90.00 | 18.5' LT | S1 | 4.0 | 4 | | | 4 | | | | | | | | | | | | 1 | | | | | | | | | 4.4 | 1-15" |
| 403-1 FES | 4 | 6 | RAMP 4 | 403+50.00 | 26.1' LT | FES | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | |
| 15-1 A | 3 | 7 | RIVERVIEW | 15+00.00 | 19.3' RT | A | 3.8 | 3 | | 3 | | | | | | | | | | | | 1 | | | | | | | | | | 4.9 | 1-15" |
| 13-4 A | 3 | 7 | RIVERVIEW | 13+49.45 | 18.2' RT | A | 4.8 | 4 | | 4 | | | | | | | | | | | | 1 | | | | | | | | | | 6.0 | 3-15" |
| 12-5 A | 3 | 2 | RIVERVIEW | 12+9.50 | 18.5' RT | A | 5.4 | 4 | | 4 | | | | | | | | | | | | 1 | | | | | | | | | | 6.7 | 3-15" |
| 400-2 S1 | 3 | 7 | RAMP 4 | 400+50.00 | 30.5' LT | S1 | 9.9 | 10 | | | | | 10 | | | | | | | | | | | | 1 | | | | | | | 16.6 | 1-36", 1-42" |
| 401-1 FES | 3 | 7 | RAMP 4 | 401+04.50 | 56.6' LT | FES | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | 1-42" |
| 13-1 A | 3 | 7 | RIVERVIEW | 13+49.30 | 17.9' LT | A | 3.0 | 2 | 2 | | | | | | | | | | | | 1 | | | | | | | | | | | 4.0 | 1-15" |
| 13-2 A | 3 | 7 | RIVERVIEW | 13+49.30 | 27.3' LT | A | 3.5 | 3 | 3 | | | | | | | | | | | | 1 | | | | | | | | | | | 4.6 | 2-15" |
| 13-3 A | 3 | 7 | RIVERVIEW | 13+49.30 | 24.5' LT | A | 3.6 | 3 | | 3 | | | | | | | | | | | | 1 | | | | | | | | | | 4.7 | 2-15" |
| 312-1 S1 | 3 | 7 | RAMP 2 | 312+00.00 | 31.4' LT | S1 | 5.5 | 6 | | | 6 | | | | | | | | | | | | 1 | | | | | | | | | 5.7 | 1-15" |
| 11-1 A | 3 | 7 | RIVERVIEW | 11+98.90 | 17.1' LT | A | 7.4 | 6 | 6 | | | | | | | | | | | | 1 | | | | | | | | | | | 6.3 | 2-15" |
| 312-3 MH6 | 3 | 7 | RAMP 2 | 312+45.60 | 29.3' LT | MH6 | 7.5 | 8 | | | | | | | | 8 | 1 | | | | | | | | | | | | | | | 25.5 | 1-15,1-18",1-30",1-36" |
| 312-3 E | 3 | 7 | RAMP 2 | 312+39.10 | 70.9' RT | E | 7.3 | 7 | | | | 7 | | | | | | | | | | | | | | | | | | | | 9.3 | 1-18" |
| 312-3 B | 3 | 7 | RAMP 2 | 312+38.70 | 63.7' RT | B | 4.2 | 3 | | 3 | | | | | | | | | | | | 1 | | | | | | | | | | 5.4 | 2-18" |
| 312-2 A | 3 | 7 | RAMP 2 | 312+50.00 | 6.0' RT | A | 5.6 | 5 | | 5 | | | | | | | | | | | | 1 | | | | | | | | | | 6.9 | 2-18" |
| 305-1 EX AREA | 3 | | RAMP 2 | 305+48.90 | 43.7' RT | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | 1-18" |
| 307-1 EX AREA | 3 | | RAMP 2 | 307+60.00 | 34.5' RT | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | 2-18" |
| 309-1 S2 | 3 | | RAMP 2 | 309+02.95 | 28.5' RT | S2 | 4.9 | 5 | | | | 5 | | | | | | | | | | | | | 1 | | | | | | | 6.4 | 2-24" |
| 305-S2 | 3 | 8 | RAMP 2 | 305+14.35 | 32.1' LT | S2 | 6.5 | 7 | | | 7 | | | | | | | | | | | | 1 | | | | | | | | | 6.9 | 1-15" |
| 308-S2 | 3 | 8 | RAMP 2 | 308+00.00 | 23.5' LT | S2 | 6.3 | 6 | | | 6 | | | | | | | | | | | | 1 | | | | | | | | | 6.7 | 2-15" |
| 310-2 S2 | 3 | 8 | RAMP 2 | 310+50.10 | 27.5' LT | S2 | 14.3 | 14 | | | 14 | | | | | | | | | | | | 1 | | | | | | | | | 14.0 | 2-15" |
| 310-1 MH5 | 3 | 8 | RAMP 2 | 310+50.10 | 17.3' RT | MH5 | 8.9 | 9 | | | | | | | 9 | | 1 | | | | | | | | | | | | | | | 23.9 | 1-15", 1-24",1-30" |
| 309-6 S1 | 3 | 8 | RAMP 2 | 309+50.25 | 29.6' RT | S1 | 4.1 | 4 | | | | 4 | | | | | | | | | | | | | 1 | | | | | | | 5.5 | 2-24" |
| 309-2 MH5 | 3 | 8 | RAMP 2 | 309+72.00 | 18.0' RT | MH5 | 7.6 | 8 | | | | | | | 8 | | 1 | | | | | | | | | | | | | | | 20.9 | 1-12",2-24" |
| 400-3 E | 3 | 8 | RAMP 4 | 400+44.00 | 69.4' LT | E | 3.4 | 3 | | | 3 | | | | | | | | | | | | | | | | | | | | | 3.8 | 1-15" |
| 1779-1 S1 | 4 | 8 | 270 | 1779+50.75 | 156.1' RT | S1 | 7.2 | 7 | | | | | 7 | | | | | | | | | | | | 1 | | | | | | | 12.5 | 1-42" |
| 1781-1 FES | 4 | 8 | 270 | 1781+87.65 | 82.6' RT | FES | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | 1-42" |
| | | | | | | | | | 19 | 85 | 73 | 51 | 17 | 33 | 36 | 34 | 6 | 1 | 3 | 1 | 6 | 8 | 14 | 9 | 3 | 2 | 2 | 2 | 2 | 1 | 2 | 581 | TOTAL |
| | | | | | | | | | 19 | 85 | 73 | 51 | 17 | 33 | 36 | 34 | 6 | 1 | 3 | 1 | 6 | 8 | 14 | 9 | 3 | 2 | 2 | 2 | 2 | 1 | 2 | 581 | PAY TOTAL |

PRELIMINARY

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE

DATE PREPARED
3/16/2022

ROUTE: I-270 | STATE: MO

DISTRICT: SL | SHEET NO.: 3

COUNTY: ST. LOUIS CITY/ ST. LOUIS

JOB NO.: J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

| DATE | DESCRIPTION |
|---|---|

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HORNER SHIFRIN
401 S. 18TH ST., STE. 400 ST. LOUIS, MO 63103
314-431-4321 - FAX 314-431-8866
WWW.HORNERSHIFRIN.COM
DISCIPLINE: CIVIL ENGINEERING
CERTIFICATE OF AUTHORITY: 000159
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW

SCHEDULE OF QUANTITIES

SHEET 7 OF 11

| FIRE HYDRANT RELOCATION (CITY OF ST LOUIS WATER) |
|---|
| LUMP SUM = 1 |

| 12" WATER MAIN (CITY OF ST LOUIS WATER) |
|---|
| 210 LF |

| ADJUSTING MANHOLES (CITY OF ST LOUIS WATER) |
|---|
| 3 EA |

| POTHOLES (AT&T AND CITY OF ST LOUIS WATER) |
|---|
| 7 EA |

| CONTRACTOR FURNISHED SURVEYING AND STAKING |
|---|
| LUMP SUM = 1 |

| MOBILIZATION |
|---|
| LUMP SUM = 1 |

ADDITIONAL MOBILIZATION FOR SEEDING

| LOCATION | ADDITIONAL MOBILIZATION FOR SEEDING (LS) | REMARKS |
|---|---|---|
| I-270/RIVERVIEW | 1 | |
| MOT PHASE 1B | 1 | |
| MOT PHASE 1C | 1 | |
| MOT PHASE 2A | 1 | |
| | | |
| TOTAL | 4 | |
| USE | 4 | |
| | | |

PRELIMINARY

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE

DATE PREPARED
3/17/2022

ROUTE I-270 | STATE MO

DISTRICT SL | SHEET NO. 3

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HORNER SHIFRIN

401 S. 18TH ST., STE. 400 ST. LOUIS, MO 63103
314-631-4321 - FAX 314-631-6966
WWW.HORNERSHIFRIN.COM
DISCIPLINE(S) PROFESSIONAL ENGINEERING
CERTIFICATE OF AUTHORITY: 000169
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW

SCHEDULE OF QUANTITIES

| PAVEMENT MARKING | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PLAN SHEET | STA. | STA. | LOC. | HIGH BUILD WATERBORNE PAVEMENT MARKING, TYPE L BEADS | | | PREFORMED THERMOPLASTIC PAVEMENT MARKING | | | | |
| | | | | 6 IN. WHITE (LF) | 6 IN. YELLOW (LF) | 12 IN. WHITE (LF) | 24 IN. WHITE (LF) | 24 IN. YELLOW (LF) | LANE DROP ARROW (EA) | LEFT/RIGHT ARROW (EA) | YIELD LINE TRIANGLES, 12 IN. WHITE (EA) |
| 154 | 1740+00.00 | 1749+00.00 | I-270 | 2395 | 1800 | 181 | | 153 | | | |
| 154 | 1749+00.00 | 1762+50.00 | I-270 | 6016 | 3087 | 778 | 325 | | | | |
| 155 | 1762+50.00 | 1776+00.00 | I-270 | 7326 | | 38 | 96 | | 3 | 8 | 12 |
| 156 | 1776+00.00 | 1779+75.27 | I-270 | 1459 | 1059 | 581 | | | | | |
| 156 | 184+70.00 | 197+90.00 | RIVERVIEW DR | 4262 | 1942 | | 398 | | | 8 | |
| | | | TOTALS | 21458 | 7888 | 1578 | 819 | 153 | 3 | 16 | 12 |

PRELIMINARY

STATE OF MISSOURI
ELENA T. WISE
NUMBER PE-2014015051
PROFESSIONAL ENGINEER

DATE PREPARED
3/16/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 3 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

| DATE | DESCRIPTION |
|---|---|
| . | . |
| . | . |
| . | . |
| . | . |
| . | . |
| . | . |
| . | . |

IF A SEAL IS PRESENT ON THIS SHEET IT HAS been ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

CIVIL DESIGN, INC.
Missouri State Certificate of Authority #2002006804

I-270 AND RIVERVIEW

QUANTITIES SHEET
SHEET 9 OF 11

EFFECTIVE: 01-01-2022

| SIGN | SIZE IN. | AREA SQ.FT. | QTY EACH | TOTAL AREA SQ.FT. | QTY RELOC EACH | TOTAL RELOC SQ.FT. | SIGN NUM. | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|
| **WARNING SIGNS** | | | | | | | | |
| W01-1L | 48X48 | 16.00 | | | | | | TURN (SYMBOL LEFT ARROW) |
| W01-1R | 48X48 | 16.00 | | | | | | TURN (SYMBOL RIGHT ARROW) |
| W01-2L | 48X48 | 16.00 | | | | | | CURVE (SYMBOL LEFT ARROW) |
| W01-2R | 48X48 | 16.00 | | | | | | CURVE (SYMBOL RIGHT ARROW) |
| W01-3L | 48X48 | 16.00 | | | | | | REVERSE TURN (SYMBOL LEFT ARROW) |
| W01-3R | 48X48 | 16.00 | | | | | | REVERSE TURN (SYMBOL RIGHT ARROW) |
| W01-4L | 48X48 | 16.00 | 4 | 64 | 8 | 128 | | REVERSE CURVE (SYMBOL LEFT ARROW) |
| W01-4R | 48X48 | 16.00 | 4 | 64 | 8 | 128 | | REVERSE CURVE (SYMBOL RIGHT ARROW) |
| W01-4bL | 48X48 | 16.00 | | | | | | DOUBLE ARROW REVERSE CURVE (SYMBOL LT ARROWS) |
| W01-4bR | 48X48 | 16.00 | | | | | | DOUBLE ARROW REVERSE CURVE (SYMBOL RT ARROWS) |
| W01-4cL | 48X48 | 16.00 | | | | | | TRIPLE ARROW REVERSE CURVE (SYMBOL LT ARROWS) |
| W01-4cR | 48X48 | 16.00 | | | | | | TRIPLE ARROW REVERSE CURVE (SYMBOL RT ARROWS) |
| W01-6 | 60X30 | 12.50 | | | | | | HORIZONTAL ARROW (SYMBOL) |
| W01-6a | 72X36 | 18.00 | | | | | | HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE) |
| W01-7 | 60X30 | 12.50 | | | | | | DOUBLE HEAD HORIZONTAL ARROW (SYMBOL) |
| W01-7a | 72X36 | 18.00 | | | | | | DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.) |
| W01-8 | 18X24 | 3.00 | | | | | | CHEVRON (SYMBOL) |
| W01-8a | 30X36 | 7.50 | | | | | | CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS) |
| W03-1 | 48X48 | 16.00 | | | | | | STOP AHEAD (SYMBOL) |
| W03-2 | 48X48 | 16.00 | 1 | 16 | | | | YIELD AHEAD (SYMBOL) |
| W03-3 | 48X48 | 16.00 | | | | | | SIGNAL AHEAD (SYMBOL) |
| W03-4 | 48X48 | 16.00 | | | | | | BE PREPARED TO STOP |
| W03-5 | 48X48 | 16.00 | 2 | 32 | | | | SPEED LIMIT AHEAD |
| W04-1L | 48X48 | 16.00 | | | | | | MERGE (SYMBOL FROM LEFT) |
| W04-1R | 48X48 | 16.00 | 1 | 16 | | | | MERGE (SYMBOL FROM RIGHT) |
| W04-1aL | 48X48 | 16.00 | | | | | | MERGE (ARROW SYMBOL) |
| W04-1aR | 48X48 | 16.00 | | | | | | MERGE (ARROW SYMBOL) |
| W05-1 | 48X48 | 16.00 | 8 | 128 | 8 | 128 | | ROAD/BRIDGE/RAMP NARROWS |
| W05-3 | 48X48 | 16.00 | | | | | | ONE LANE BRIDGE |
| W05-5 | 48X48 | 16.00 | | | | | | NARROW LANES |
| W06-1 | 48X48 | 16.00 | | | | | | DIVIDED HIGHWAY (SYMBOL) |
| W06-2 | 48X48 | 16.00 | | | | | | DIVIDED HIGHWAY END (SYMBOL) |
| W06-3 | 48X48 | 16.00 | | | | | | TWO WAY TRAFFIC (SYMBOL) |
| W07-3a | 30X24 | 5.00 | | | | | | NEXT XX MILES (PLAQUE) |
| W08-1 | 48X48 | 16.00 | | | | | | BUMP |
| W08-2 | 48X48 | 16.00 | | | | | | DIP |
| W08-3 | 48X48 | 16.00 | | | | | | PAVEMENT ENDS |
| W08-4 | 48X48 | 16.00 | | | | | | SOFT SHOULDER |
| W08-5 | 48X48 | 16.00 | | | | | | SLIPPERY WHEN WET (SYMBOL) |
| W08-6 | 48X48 | 16.00 | | | | | | TRUCK CROSSING (WITH FLAGS) |
| W08-6c | 48X48 | 16.00 | | | | | | TRUCK ENTRANCE |
| W08-7 | 36X36 | 9.00 | | | | | | LOOSE GRAVEL |
| W08-7a | 36X36 | 9.00 | | | | | | FRESH OIL/LOOSE GRAVEL |
| W08-9 | 48X48 | 16.00 | | | | | | LOW SHOULDER |
| W08-11 | 48X48 | 16.00 | | | | | | UNEVEN LANES |
| W08-12 | 48X48 | 16.00 | | | | | | NO CENTER LINE |
| W08-15 | 48X48 | 16.00 | | | | | | GROOVED PAVEMENT |
| W08-15P | 30X24 | 5.00 | | | | | | MOTORCYCLE (PLAQUE) |
| W08-17 | 48X48 | 16.00 | | | | | | SHOULDER DROP-OFF (SYMBOL) |
| W08-17P | 30X24 | 5.00 | | | | | | SHOULDER DROP-OFF (PLAQUE) |
| W10-1 | 42RND. | 9.62 | | | | | | RAILROAD CROSSING |
| W012-1 | 24X24 | 4.00 | | | | | | DOUBLE DOWN ARROW (SYMBOL) |
| W012-2 | 48X48 | 16.00 | | | | | | LOW CLEARANCE (SYMBOL) |
| W012-2X | 24X18 | 3.00 | | | | | | LOW CLEARANCE (PLAQUE) |
| W012-2a | 84X24 | 14.00 | | | | | | OVERHEAD LOW CLEARANCE (FEET AND INCHES) |
| W012-4 | 120X60 | 50.00 | | | | | | LOW CLEARANCE XX FT XX IN XX MILES AHEAD |
| W012-5 | 120X60 | 50.00 | | | | | | WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD |
| W013-1 | 30X30 | 6.25 | | | | | | ADVISORY SPEED (PLAQUE) |
| W016-2 | 30X24 | 5.00 | | | | | | XXX FEET (PLAQUE) |
| W016-3 | 30X24 | 5.00 | | | | | | X MILE (PLAQUE) |
| W020-1 | 48X48 | 16.00 | 6 | 96 | | | | ROAD/BRIDGE/RAMP WORK AHEAD |
| W020-2 | 48X48 | 16.00 | 2 | 32 | 2 | 32 | | DETOUR AHEAD |
| W020-3 | 48X48 | 16.00 | 4 | 64 | 2 | 32 | | ROAD CLOSED AHEAD |
| W020-4 | 48X48 | 16.00 | | | | | | ONE LANE ROAD AHEAD |
| W020-5 | 48X48 | 16.00 | 2 | 32 | 4 | 64 | | RIGHT/CENTER/LEFT LANE CLOSED AHEAD |
| W020-5a | 48X48 | 16.00 | 2 | 32 | 4 | 64 | | 2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD |
| W020-6a | 48X48 | 16.00 | | | | | | RIGHT/CENTER/LEFT LANE CLOSED |
| W020-7a | 48X48 | 16.00 | | | | | | FLAGGER (SYMBOL, WITH FLAGS) |
| W021-2 | 36X36 | 9.00 | | | | | | FRESH OIL |
| W021-5 | 48X48 | 16.00 | | | | | | SHOULDER WORK/SHOULDER WORK AHEAD |
| W021-5a | 48X48 | 16.00 | 4 | 64 | | | | RIGHT SHOULDER CLOSED |
| W021-5b | 48X48 | 16.00 | | | | | | RIGHT SHOULDER CLOSED AHEAD |
| W022-1 | 48X48 | 16.00 | | | | | | BLASTING ZONE AHEAD |
| W022-2 | 42X36 | 10.50 | | | | | | TURN OFF 2-WAY RADIO AND PHONE |

| SIGN | SIZE IN. | AREA SQ.FT. | QTY EACH | TOTAL SQ.FT. | QTY RELOC EACH | TOTAL RELOC SQ.FT. | SIGN NUM. | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|
| **WARNING SIGNS, CONT.** | | | | | | | | |
| W022-3 | 42X36 | 10.50 | | | | | | END BLASTING ZONE |
| G022-1 | 21X15 | 2.19 | | | | | | WET PAINT (ARROW PIVOTS) |
| **GUIDE SIGNS** | | | | | | | | |
| E05-1 | 36X48 | 12.00 | 1 | 12 | 2 | 24 | | GORE EXIT |
| E05-2 | 48X36 | 12.00 | | | | | | EXIT OPEN |
| E05-2a | 48X36 | 12.00 | | | | | | EXIT CLOSED |
| G020-1 | 60X24 | 10.00 | 2 | 20 | | | | ROAD WORK NEXT XX MILES |
| G020-2 | 48X24 | 8.00 | 6 | 48 | | | | END ROAD WORK |
| G020-4 | 36X18 | 4.50 | | | | | | PILOT CAR FOLLOW ME |
| G020-4a | 42X30 | 8.75 | | | | | | PILOT CAR IN USE WAIT & FOLLOW |
| G020-4a | 18X12 | 1.50 | | | | | | PILOT CAR IN USE WAIT & FOLLOW |
| G020-5aP | 36X24 | 6.00 | | | | | | WORK ZONE (PLAQUE) |
| M04-8a | 24X18 | 3.00 | 1 | 3 | 1 | 3 | | END DETOUR |
| M04-9L | 48X36 | 12.00 | 2 | 24 | 1 | 12 | | DETOUR (LEFT ARROW) |
| M04-9R | 48X36 | 12.00 | 3 | 36 | 4 | 48 | | DETOUR (RIGHT ARROW) |
| M04-9P | 48X12 | 4.00 | | | | | | STREET NAME (PLAQUE) |
| M04-10L | 48X18 | 6.00 | | | | | | DETOUR (ARROW LEFT) |
| M04-10R | 48X18 | 6.00 | | | | | | DETOUR (ARROW RIGHT) |
| **REGULATORY SIGNS** | | | | | | | | |
| R1-1 | 48X48 | 13.25 | 2 | 27 | | | | STOP |
| R1-2 | 48TRI. | 6.93 | 3 | 21 | | | | YIELD |
| R1-2a | 36X36 | 9.00 | | | | | | TO ONCOMING TRAFFIC (PLAQUE) |
| R1-3P | 30X12 | 2.50 | | | | | | ALL WAY (PLAQUE) |
| R2-1 | 36X48 | 12.00 | 4 | 48 | | | | SPEED LIMIT XX |
| R3-1 | 48X48 | 16.00 | | | | | | NO RIGHT TURN (SYMBOL) |
| R3-2 | 48X48 | 16.00 | | | | | | NO LEFT TURN (SYMBOL) |
| R3-3 | 36X36 | 9.00 | | | | | | NO TURNS |
| R3-4 | 48X48 | 16.00 | | | | | | NO U-TURN (SYMBOL) |
| R3-7L | 30X30 | 6.25 | | | | | | LEFT LANE MUST TURN LEFT |
| R3-7R | 30X30 | 6.25 | | | | | | RIGHT LANE MUST TURN RIGHT |
| R4-1 | 36X48 | 12.00 | | | | | | DO NOT PASS |
| R4-2 | 36X48 | 12.00 | | | | | | PASS WITH CARE |
| R4-8a | 36X48 | 12.00 | | | | | | KEEP LEFT (HORIZONTAL ARROW) |
| R4-7a | 36X48 | 12.00 | | | | | | KEEP RIGHT (HORIZONTAL ARROW) |
| R5-1 | 30X30 | 6.25 | 2 | 14 | | | | DO NOT ENTER |
| R5-1a | 36X24 | 6.00 | 2 | 12 | | | | WRONG WAY |
| R6-1L | 54X18 | 6.75 | 2 | 14 | | | | ONE WAY ARROW (LEFT) |
| R6-1R | 54X18 | 6.75 | 2 | 14 | | | | ONE WAY ARROW (RIGHT) |
| R6-2L | 24X30 | 5.00 | 2 | 10 | | | | ONE WAY (LEFT) |
| R6-2R | 24X30 | 5.00 | 2 | 10 | | | | ONE WAY (RIGHT) |
| R9-9 | 24X12 | 2.00 | | | | | | SIDEWALK CLOSED |
| R9-11L | 24X18 | 3.00 | | | | | | SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE |
| R9-11R | 24X18 | 3.00 | | | | | | SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE |
| R10-6 | 24X36 | 6.00 | | | | | | STOP HERE ON RED (45° ARROW) |
| R11-2 | 48X30 | 10.00 | 4 | 40 | | | | ROAD CLOSED |
| | | | | | | | | ROAD CLOSED XX MILES AHEAD |
| R11-3a | 60X30 | 12.50 | | | | | | LOCAL TRAFFIC ONLY |
| R11-4 | 60X30 | 12.50 | | | | | | ROAD CLOSED TO THRU TRAFFIC |
| CONST-3A | 60X48 | 20.00 | 4 | 40 | | | | FINE SIGN |
| CONST-3X | 56X12 | 4.67 | | | | | | SPEEDING/PASSING (PLATE) |
| **MISCELLANEOUS SIGNS** | | | | | | | | |
| CONST-5 | 48X36 | 12.00 | | | | | | POINT OF PRESENCE |
| CONST-5 | 96X48 | 32.00 | 1 | 32 | | | | POINT OF PRESENCE |
| CONST-7 | 48X24 | 8.00 | | | | | | RATE OUR WORK ZONE |
| CONST-7 | 72X36 | 18.00 | 1 | 18 | | | | RATE OUR WORK ZONE |
| CONST-8 | 48X36 | 12.00 | 2 | 24 | | | | WORK ZONE NO PHONE ZONE |
| CONST-9 | 106X84 | 62.00 | 1 | 62 | 1 | 62 | | DETOUR SIGN (RAMP 1/2) |
| CONST-10 | 48X78 | 26.00 | 2 | 52 | | | | DETOUR SIGN (RAMP 3) |

| | TOTAL |
|---|---|
| 616-10.05 CONSTRUCTION SIGNS | 1228 |
| 616-10.10 RELOCATED SIGNS | 0 |

| ITEM NUMBER | TOTAL QTY | DESCRIPTION |
|---|---|---|
| 6122008 | | IMPACT ATTENUATOR 40 MPH (SAND BARRELS) |
| 6122009 | | IMPACT ATTENUATOR 45 MPH (SAND BARRELS) |
| 6122010 | | IMPACT ATTENUATOR 50 MPH (SAND BARRELS) |
| 6122012 | | IMPACT ATTENUATOR 55 MPH (SAND BARRELS) |
| 6122014 | | IMPACT ATTENUATOR 60 MPH (SAND BARRELS) |
| 6122017 | | IMPACT ATTENUATOR 65 MPH (SAND BARRELS) |
| 6122019 | 14(+) | IMPACT ATTENUATOR 70 MPH (SAND BARRELS) |
| 6122020 | 45(+) | REPLACEMENT SAND BARREL |
| 6122030 | 1(+) | IMPACT ATTENUATOR (RELOCATION) |
| 6123000A | 3(+) | TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA) |
| 6161008 | 8 | ADVANCED WARNING RAIL SYSTEM |
| 6161012 | | BUOYS (BOATS KEEP OUT) |
| 6161013 | | BUOYS (NO WAKE) |
| 6161014 | | SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT) |
| 6161025 | 535 | CHANNELIZER (TRIM LINE) |
| 6161030 | 15 | TYPE III MOVEABLE BARRICADE |
| 6161033 | | DIRECTION INDICATOR BARRICADE |
| 6161040 | 6 | FLASHING ARROW PANEL |
| 6161047 | | TYPE III OBJECT MARKER |
| 6161051 | | WARNING LIGHT, TYPE A |
| 6161052 | | WARNING LIGHT, TYPE B |
| 6161053 | | WARNING LIGHT, TYPE C |
| 6161055 | | SEQUENTIAL FLASHING WARNING LIGHT |
| 6161070 | | TUBULAR MARKER |
| 6161095 | | RADAR SPEED ADVISORY SYSTEM |
| 6161096 | | CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED |
| 6161098A | | CHANGEABLE MESSAGE SIGN W/O COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED |
| 6169902 | 4(+) | CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED |
| 6162000A | | WORK ZONE TRAFFIC SIGNAL SYSTEM |
| 6162002 | | TEMPORARY LONG-TERM RUMBLE STRIPS |
| 6162004 | | TEMPORARY SHORT-TERM RUMBLE STRIPS |
| 6173600D | 41,935(+) | TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/RETAINED |
| 6173700B | 2,634(+) | TEMPORARY TRAFFIC BARRIER, ANCHORED CONTRACTOR FURNISHED/RETAINED |
| 6174000A | | TEMP. TRAFFIC BARRIER HEIGHT TRANSITION |
| 6175010A | 1,825(+) | RELOCATING TEMPORARY TRAFFIC BARRIER |
| 6176000B | | TEMPORARY TRAFFIC BARRIER COMMISSION FURNISHED/RETAINED |
| 6177000B | | TEMP. TRAFFIC BARRIER HEIGHT TRANSITION COMMISSION FURNISHED/RETAINED |
| 6208064A | | TEMPORARY RAISED PAVEMENT MARKER |
| 9029400 | | TEMPORARY TRAFFIC SIGNALS |
| 9029401 | 1✱✱(+) | TEMPORARY TRAFFIC SIGNALS AND LIGHTING |
| 7209901 | 1(+) | TEMPORARY WALL |
| 9039902 | 1(+) | COVER EXISTING OVERHEAD SIGNS |
| 6189902 | 3(+) | ADDITIONAL MOBILIZATION FOR STRIPING |
| 6209901 | 1(+) | TEMPORARY PAVEMENT PARKING PAINT |

✱ REDUCE POSTED SPEED BY 10 MPH EXCEPT AT END OF WORK ZONE WHERE RETURNING BACK TO NORMAL POSTED SPEED.

✱✱ TEMPORARY TRAFFIC SIGNALS AT LILAC/DUNN INTERSECTION.

(+) ITEM NOT INCLUDED IN 616-99-1, TEMPORARY TRAFFIC CONTROL.

DISCLAIMER

THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

NOTES

1. ALL SIGNS, VERTICAL PANELS, BARRICADES, AND OTHER MATERIALS/DEVICES NECESSARY FOR MAINTENANCE OF TRAFFIC DURING CONSTRUCTION ARE INCLUDED IN PAY ITEM 616-99-1, TEMPORARY TRAFFIC CONTROL, LUMP SUM. THE QUANTITIES SHOWN ARE AN ESTIMATE ONLY AND ARE SUBJECT TO CHANGE BASED ON FIELD CONDITIONS. OTHER ITEMS AS NOTED IN THE PLANS, INCLUDING CHANGEABLE MESSAGE BOARDS, TEMPORARY CONCRETE BARRIER, TEMPORARY PAVING, AND TEMPORARY STRIPING, HAVE BEEN QUANTIFIED SEPARATELY AND WILL BE PAID FOR AS STANDARD PAY ITEMS.
2. TEMPORARY TRAFFIC CONTROL SHOULD FOLLOW MODOT/MUTCD STANDARDS.
3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING SIGNS OR DEVICES.
4. NO DIRECT PAYMENT WILL BE MADE TO COVER/UNCOVER EXISTING SIGNS OR TCP SIGNS.
5. SIGN AND DEVICE LOCATIONS WILL BE FIELD VERIFIED AND APPROVED BY THE ENGINEER.
6. CMS LOCATIONS TO BE DETERMINED BY THE ENGINEER.
7. NO DIRECT PAY FOR RELOCATED SIGNS, QUANTITY SHOWN FOR INFORMATION ONLY.

PRELIMINARY

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |

| DISTRICT | SHEET NO. |
|---|---|
| SL | 3 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
|---|---|
| | |

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS
501 MARYVILLE CENTRE DRIVE
SUITE 501, ST. LOUIS, MO 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW DRIVE TRAFFIC CONTROL QUANTITIES
SHEET 10 OF 11

**RIVERVIEW MOT QUANTITIES - TEMPORARY PAVEMENT**

| Phase | Alignment | Station | to | Station | Offset | OPTIONAL TEMPORARY PAVEMENT (SY) 4019905 | 4" TYPE 5 AGG BASE, (SY) NO DIRECT PAY |
|---|---|---|---|---|---|---|---|
| | | | | | | | 0 |
| 1A | Lilac/Dunn SE Quad | 100' S. on Lilac | | 100' W. on Dunn | RT | 280 | 280 |
| | | | | | | | 0 |
| 1B | I-270 | 733+35.00 | | 752+00.00 | RT/LT | 3895 | 3895 |
| 1B | I-270 | 737+80.00 | | 755+60.00 | LT | 1404 | 1404 |
| 1B | I-270 | 762+00.00 | | 764+50.00 | LT | 292 | 292 |
| 1B | I-270 | 762+50.00 | | 770+00.00 | LT/RT | 1960 | 1960 |
| 1B | I-270 | 763+50.00 | | 772+50.00 | RT | 2793 | 2793 |
| 1B | RAMP 1 | 113+00.00 | | 117+00.00 | RT | 1179 | 1179 |
| 1B | RAMP 2 | 725+00 (270) | | 81+90 (R2) | LT/RT | 9005 | 9005 |
| 1B | RAMP 3 | 200+00 | | 206+00 | LT | 2195 | 2195 |
| | | | | | | | 0 |
| 1C | I-270 | 740+00.00 | | 767+00.00 | RT | 9395 | 9395 |
| | | | | | | | |
| 1D | I-270 | 775+59.00 | | 781+11.00 | LT/RT | 573 | 573 |
| | | | | | | | |
| 2A-0 | I-270 | 765+37.00 | | 768+31.00 | LT | 821 | 821 |
| 2A-0 | I-270 | 773+19.00 | | 776+61.00 | LT | 991 | 991 |
| | | | | | | | |
| | | | | **TOTALS** | | **34782** | **34782** |

**RIVERVIEW MOT QUANTITIES - TEMPORARY WALL**

| Phase | Alignment | Station | to | Station | Offset | TEMPORARY WALL (SF) 7209901 |
|---|---|---|---|---|---|---|
| | | | | | | |
| 1B | I-270 (BETWEEN EB I-270 AND TEMP RAMP 2) | 742+00.00 | | 750+00.00 | RT | 5000 |
| | | | | | | |
| 1C | I-270 (BETWEEN EB I-270 AND TEMP RAMP 2) | 740+00.00 | | 767+00.00 | RT | 4800 |
| | | | | | | |
| | | | | **TOTAL (SF)** | | **9800** |
| | | | | | | |
| | | | | **TOTAL FOR PAY (LS)** | | **1** |

**RIVERVIEW MOT QUANTITIES - TEMPORARY BARRIER**

| Phase | Alignment | Station | to | Station | Offset | Temporary Traffic Barrier 6173600D (LF) | Relocating Temporary Concrete Barrier 6175010A (LF) | Temporary Traffic Barrier, Anchored 6173700B (LF) | Temporary Traffic Attenuator 6122019 (EA) | Relocating Temporary Traffic Attenuator 6122030 (EA) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1B | I-270 | 740+00.00 | | 771+69.00 | RT | 4320 | | | 1 | |
| 1B | I-270 | 732+60.00 | | 771+00.00 | RT | 3180 | | 634 | 1 | |
| 1B | I-270 | 733+40.00 | | 768+60.00 | LT | 3240 | | | 1 | |
| 1B | I-270 | 737+50.00 | | 756+90.00 | LT | 1940 | | | 1 | |
| 1B | RAMP 3 | 200+50.00 | | 207+00.00 | LT | 650 | | | 1 | |
| | | | | | | | | | | |
| 1C | I-270 | 733+02.00 | | 771+83.00 | RT | 2630 | | 1220 | | |
| 1C | I-270 | 733+37.00 | | 770+08.00 | RT/LT | 1563 | | | | |
| 1C | I-270 | 745+49.00 | | 768+64.00 | LT | 2438 | | | 1 | |
| 1C | I-270 | 751+90.00 | | 759+90.00 | RT | | | 780 | 1 | |
| 1C | I-270 | 737+62.00 | | 754+26.00 | LT | 1675 | | | 1 | |
| 1C | RAMP 3 | 200+00.00 | | 205+00.00 | LT | 500 | | | 1 | |
| 1C | RAMP 3 | 200+00.00 | | 206+00.00 | LT | 675 | | | 1 | |
| | | | | | | | | | | |
| 1D | I-270 | 733+36.00 | | 768+50.00 | LT | 3900 | | | | 1 |
| 1D | I-270 | 733+36.00 | | 779+50.00 | RT | 4300 | | | 1 | |
| 1D | I-270 | 739+84.00 | | 754+26.00 | LT | 1450 | | | | |
| 1D | I-270 | 774+73.00 | | 779+40.00 | LT | 0 | 488 | | | |
| | | | | | | | | | | |
| 2A | I-270 | 733+63.00 | | 739+99.09 | LT | 0 | 650 | | | |
| 2A | I-270 | 736+84.00 | | 739+99.09 | LT | 325 | | | | |
| 2A | I-270 | 751+98.00 | | 768+00.00 | LT | 1663 | | | 1 | |
| 2A | I-270 | 755+08.00 | | 768+00.00 | LT | 1350 | | | 1 | |
| 2A | I-270 | 755+08.00 | | 779+00.00 | LT | 2363 | | | 1 | |
| 2A | I-270 | 773+26.00 | | 781+11.00 | LT | 850 | | | | |
| 2A | I-270 | 773+28.00 | | 779+01.00 | LT | 625 | | | | |
| | | | | | | | | | | |
| 2B | I-270 | 733+25.00 | | 739+99.09 | LT | 0 | 688 | | | |
| 2B | I-270 | 771+00.00 | | 779+50.00 | LT | 1350 | | | | |
| 2B | I-270 | 774+00.00 | | 783+00.00 | LT | 950 | | | | |
| | | | | | | | | | | |
| | | | | **TOTALS** | | 41935 | 1825 | 2634 | 14 | 1 |

**RIVERVIEW MOT QUANTITIES**
**TEMPORARY CHANNELIZERS 6161025**

| Phase | TOTAL (EA) |
|---|---|
| 1A | 161 |
| 1B | 149 |
| 1C | 445 |
| 1D | 142 |
| 2A | 153 |
| 2B | 222 |
| | |
| TOTAL | 1273 |

**RIVERVIEW MOT QUANTITIES**
**TEMPORARY STRIPING 6" WHITE SOLID**
**6205902A**

| Phase | TOTAL (EA) |
|---|---|
| 1A | 0 |
| 1B | 7200 |
| 1C | 16530 |
| 1D | 9850 |
| 2A | 9700 |
| 2B | 6100 |
| 2C | 0 |
| Winter Refresh | 15000 |
| TOTAL | 64380 |

**RIVERVIEW MOT QUANTITIES**
**TEMPORARY STRIPING 6" WHITE DASHED**
**6205902A**

| Phase | TOTAL (EA) |
|---|---|
| 1A | 0 |
| 1B | 1400 |
| 1C | 400 |
| 1D | 1525 |
| 2A | 1000 |
| 2B | 500 |
| 2C | 0 |
| Winter Refresh | 5000 |
| TOTAL | 9825 |

**RIVERVIEW MOT QUANTITIES**
**TEMPORARY STRIPING 6" YELLOW SOLID**
**6205903A**

| Phase | TOTAL (EA) |
|---|---|
| 1A | 0 |
| 1B | 6700 |
| 1C | 11700 |
| 1D | 8500 |
| 2A | 7900 |
| 2B | 4600 |
| 2C | 0 |
| Winter Refresh | 4000 |
| TOTAL | 43400 |

PRELIMINARY

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DATE

DATE PREPARED
3/17/2022

ROUTE I-270 | STATE MO

DISTRICT SL | SHEET NO. 3

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

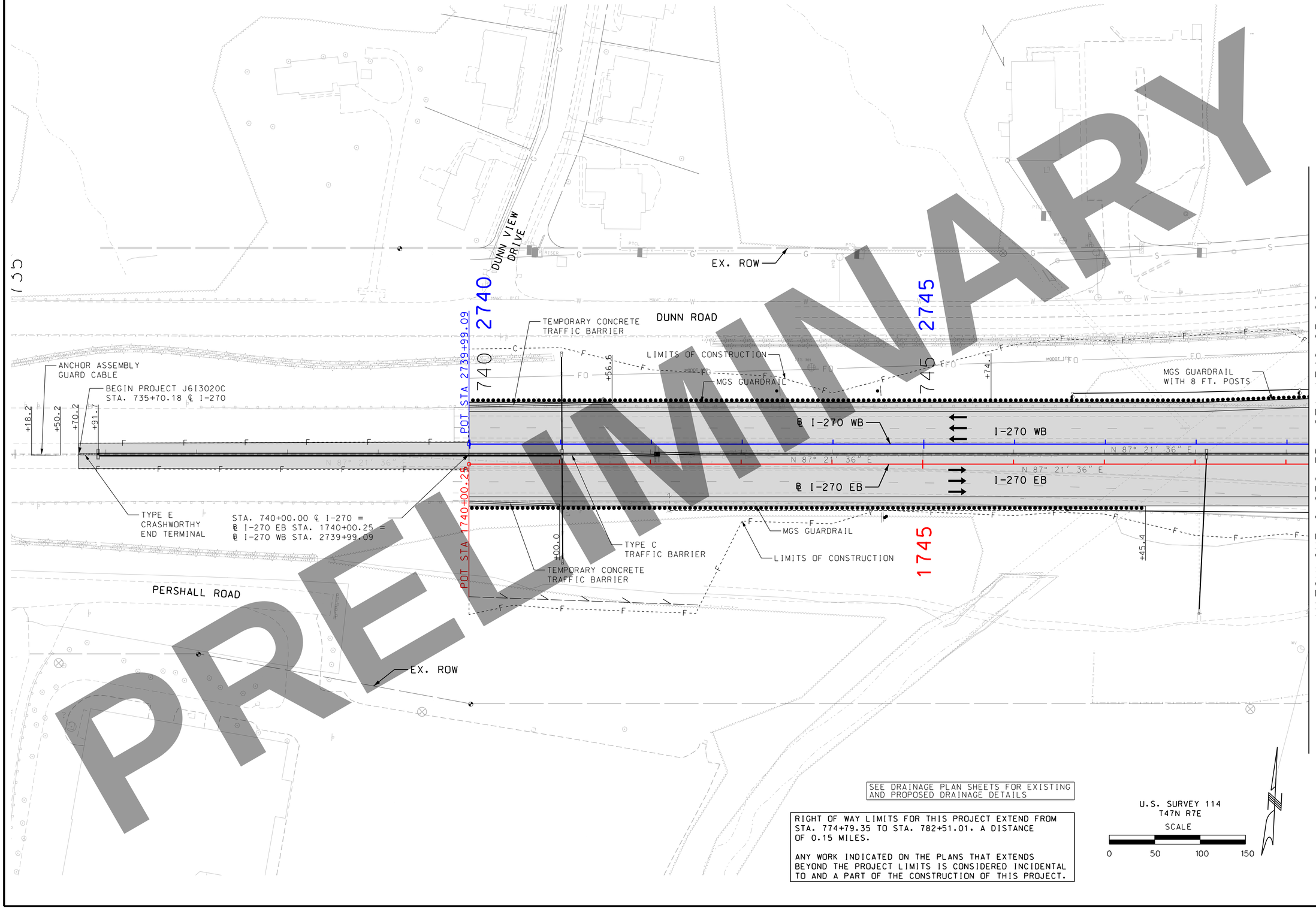
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS
500 MARYVILLE CENTRE DRIVE
SUITE 600 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND
RIVERVIEW DRIVE
TRAFFIC CONTROL
QUANTITIES
SHEET 11 OF 11




PRELIMINARY

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DATE

DATE PREPARED
3/16/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 4 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MATCHLINE I-270 EB. STA 1749+25.00

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

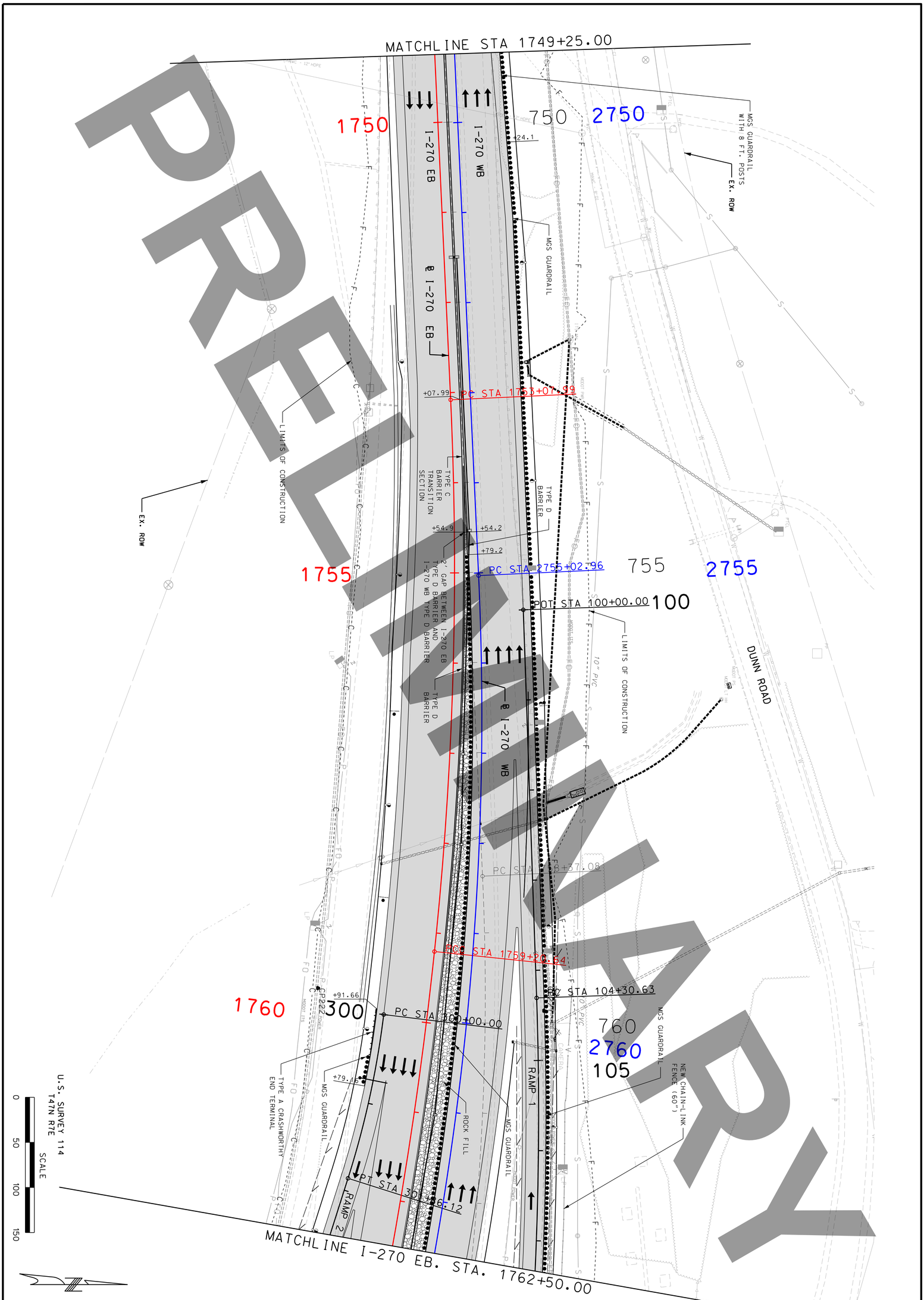
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HORNER SHIFRIN
401 S. 18TH ST., STE. 400 ST. LOUIS, MO 63103
314-531-4321 - FAX 314-531-6966
WWW.HORNERSHIFRIN.COM
DISCIPLINE: PROFESSIONAL ENGINEERING
CERTIFICATE OF AUTHORITY: 000159
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW

ROADWAY PLAN
SHEET 1 OF 5

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.




I-270 AND RIVERVIEW

ROADWAY PLAN
SHEET 2 OF 5


HORNER SHIFRIN

401 S. 18TH ST., STE. 400 ST. LOUIS, MO 63103
314-531-4321 - FAX 314-531-6966
WWW.HORNERSHIFRIN.COM
DISCIPLINE: PROFESSIONAL ENGINEERING
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EXPIRATION DATE: DECEMBER 31, 2022


MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

| DATE | DESCRIPTION |
|---|---|
| | |

BRIDGE NO.

PROJECT NO.

CONTRACT ID. J6I3020C

JOB NO.

COUNTY/CITY ST. LOUIS CITY/ ST. LOUIS

DISTRICT SL

SHEET NO. 5

ROUTE I-270

STATE MO

DATE PREPARED 3/16/2022

DATE

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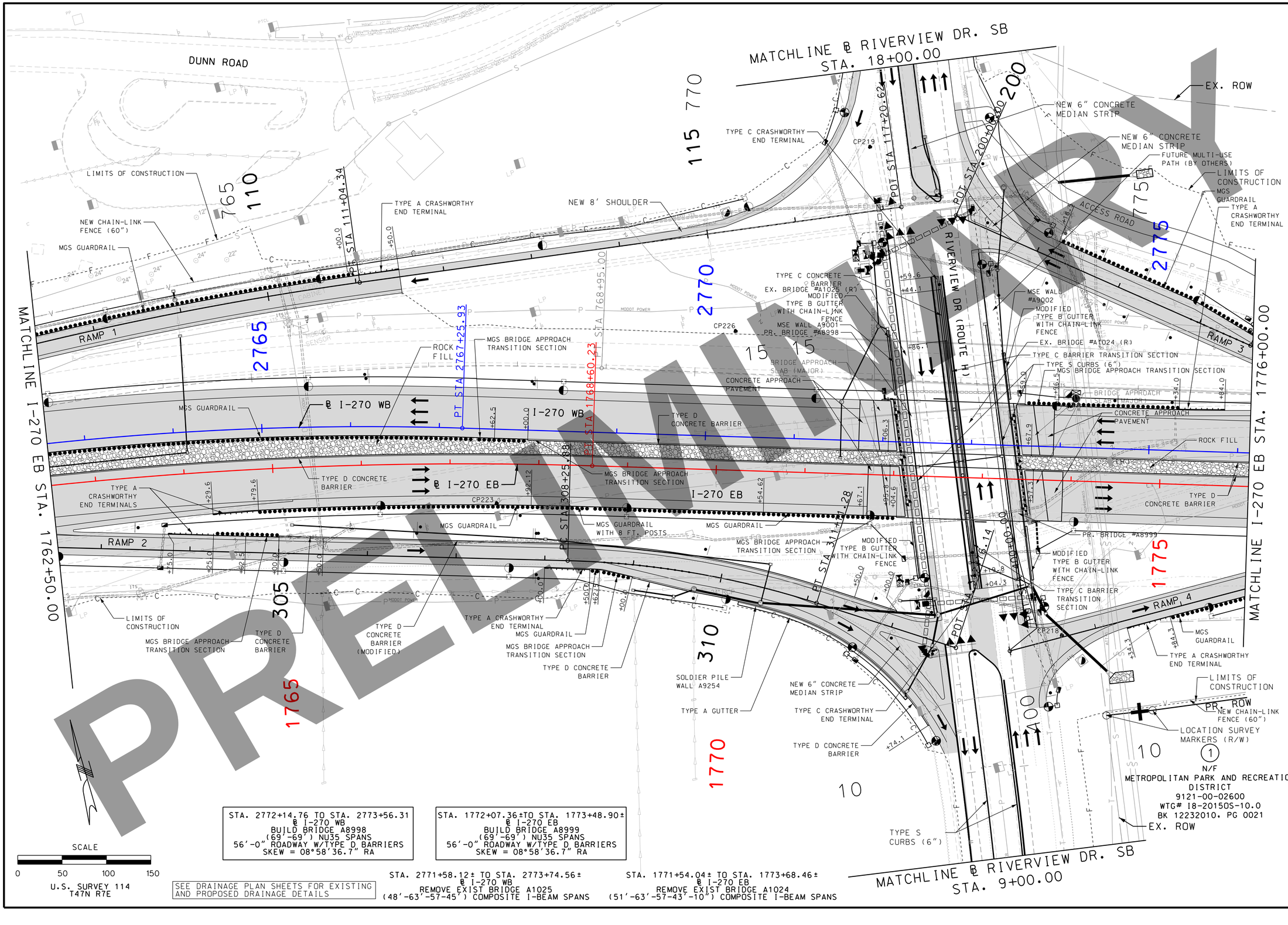


PRELIMINARY

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DATE

DATE PREPARED
3/16/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 6 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | DESCRIPTION |
|---|---|

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

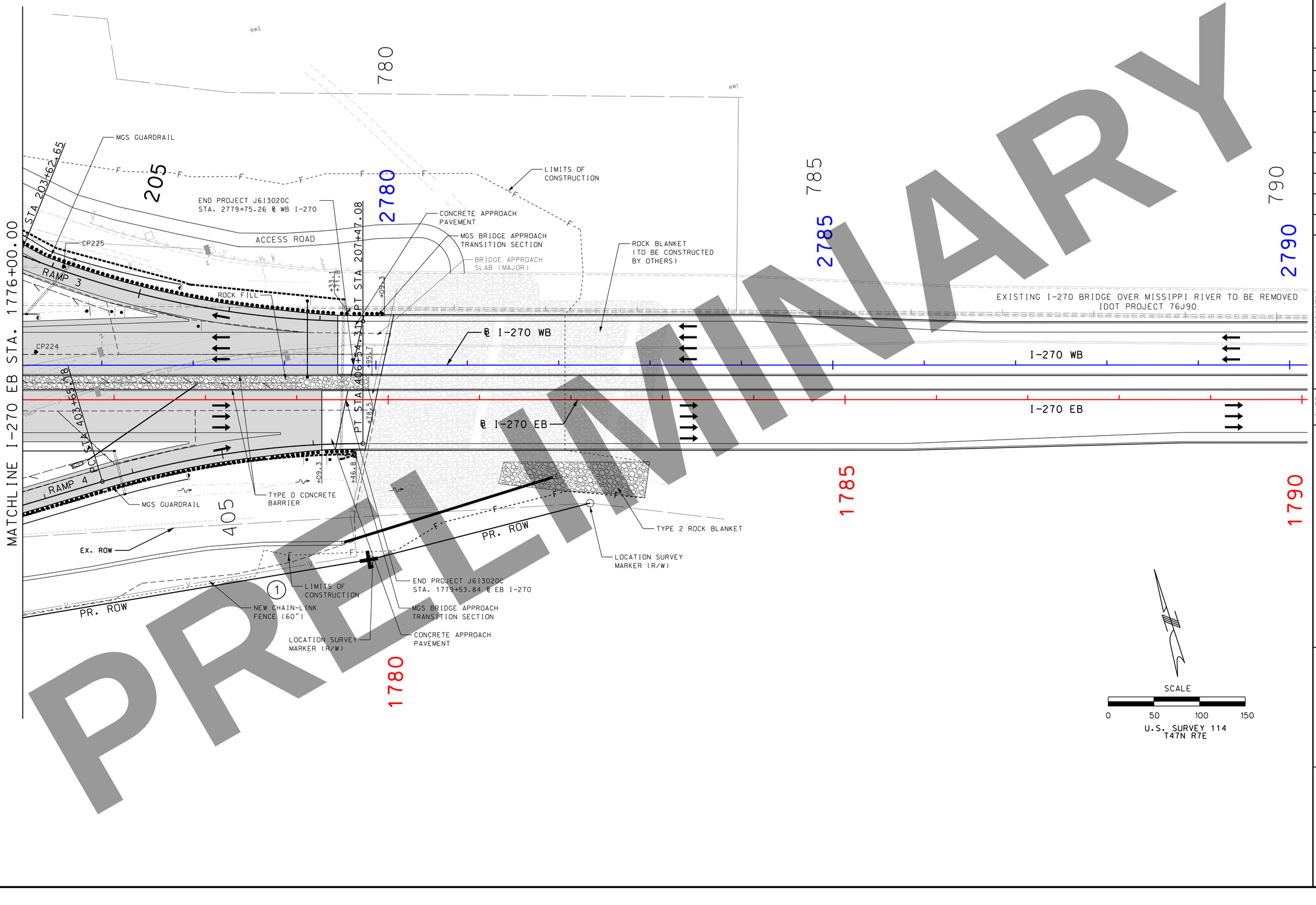
MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
(573-751-6636)
1-888-ASK-MODOT (1-888-275-6636)

HORNER SHIFRIN
401 S. 18TH ST., STE. 400 ST. LOUIS, MO 63103
314-431-4321 - FAX 314-431-4986
WWW.HORNERSHIFRIN.COM
DISCIPLINE: PROFESSIONAL ENGINEERING
CERTIFICATE OF AUTHORITY: 000159
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW

ROADWAY PLAN
SHEET 3 OF 5




PRELIMINARY

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DATE

DATE PREPARED
3/16/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 7 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


HORNER SHIFRIN
401 S. 18TH ST., STE. 400 ST. LOUIS, MO 63103
314-531-4321 - FAX 314-531-4966
WWW.HORNERSHIFRIN.COM
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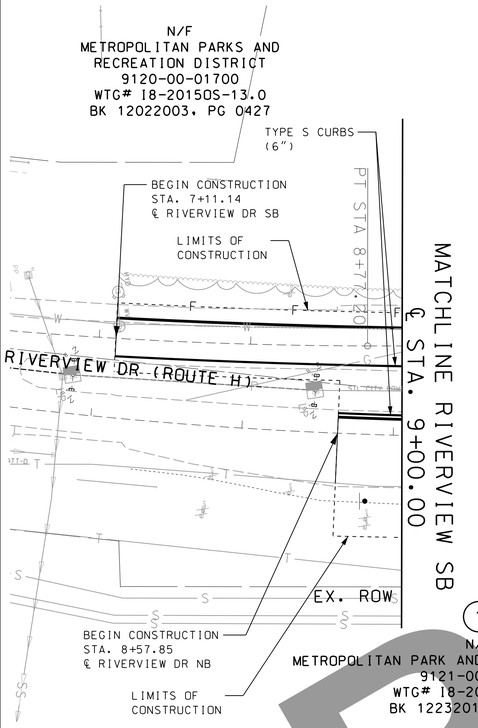
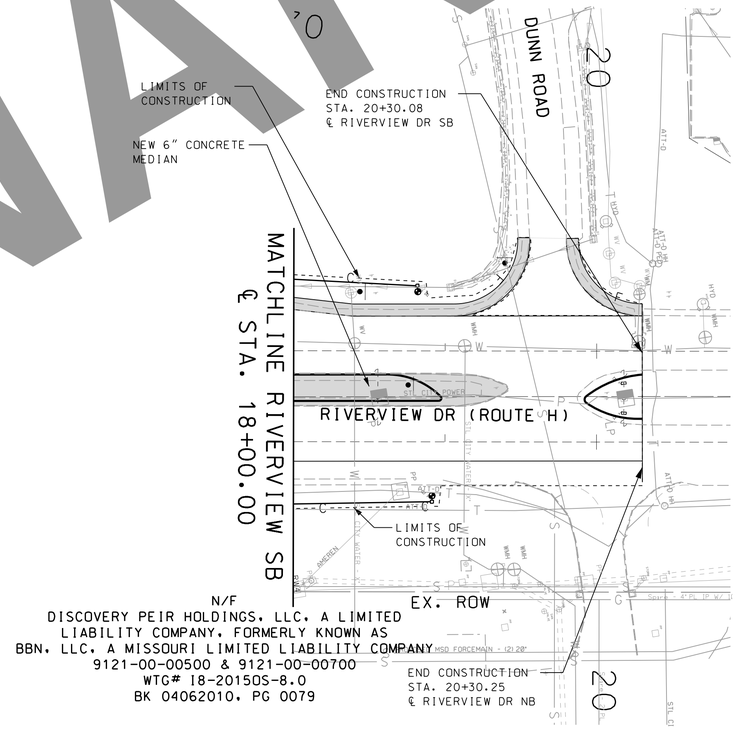
CERTIFICATE OF AUTHORITY: 000159
EXPIRATION DATE: DECEMBER 31, 2022

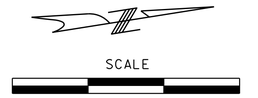

I-270 AND RIVERVIEW

ROADWAY PLAN
SHEET 4 OF 5

PRELIMINARY




U.S. SURVEY 114
T47N R7E

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DATE

DATE PREPARED
3/16/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 8 |

COUNTY
ST. LOUIS CITY/
ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
|---|---|

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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DISCIPLINE: PROFESSIONAL ENGINEERING
CERTIFICATE OF AUTHORITY: 000169
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND
RIVERVIEW

ROADWAY PLAN
SHEET 5 OF 5

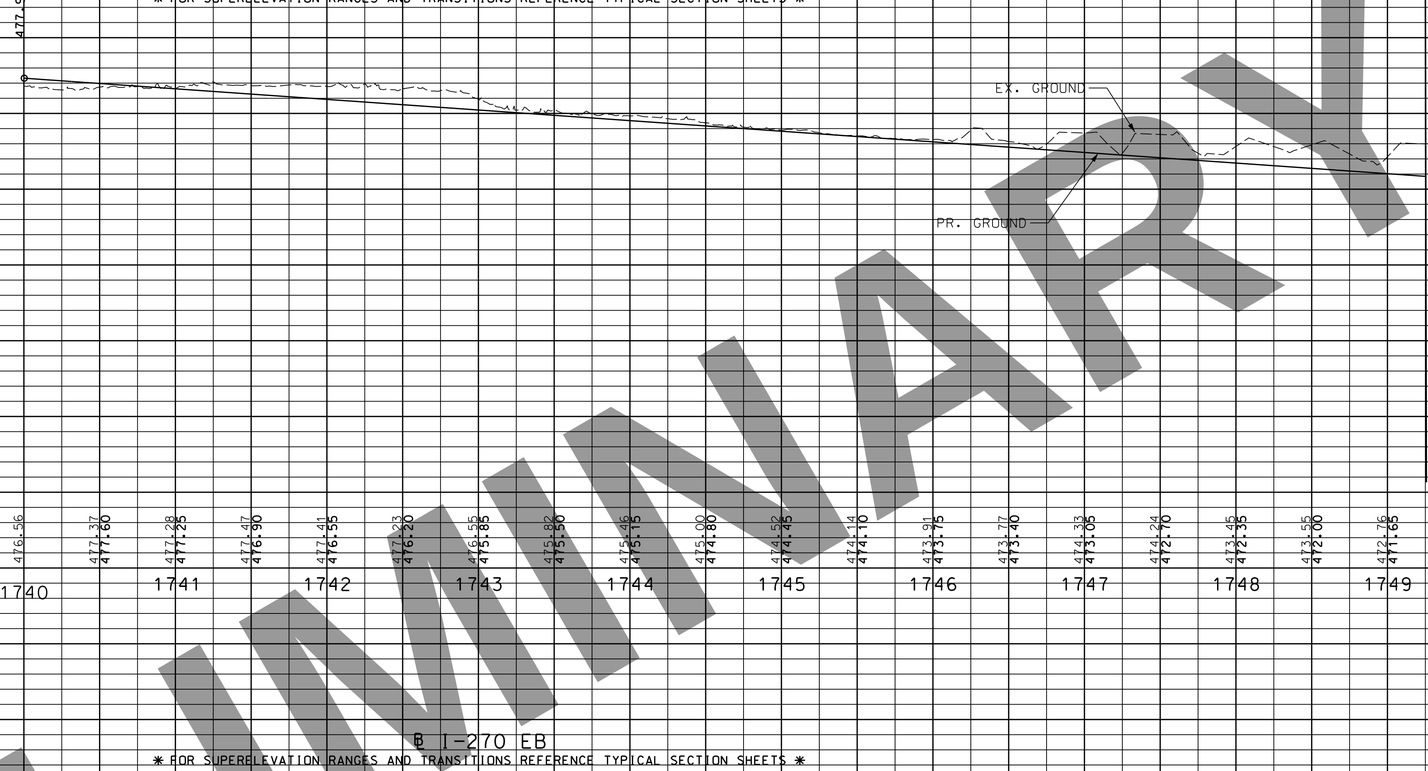
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.

NOTE: THE PROFILE FOR WESTBOUND I-270 BASELINE IS CONTROLLED BY THE EASTBOUND BASELINE'S PROFILE.

℄ I-270 EB

* FOR SUPERELEVATION RANGES AND TRANSITIONS REFERENCE TYPICAL SECTION SHEETS *




PRELIMINARY

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE

DATE PREPARED 3/16/2022

ROUTE I-270 | STATE MO

DISTRICT SL | SHEET NO. 9

COUNTY ST. LOUIS CITY/ ST. LOUIS

JOB NO. J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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CERTIFICATE OF AUTHORITY: 000159
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW

ROADWAY PROFILES
SHEET 1 OF 5

NOTE: THE PROFILE FOR WESTBOUND I-270 BASELINE IS CONTROLLED BY THE EASTBOUND BASELINE'S PROFILE.

℄ I-270 EB

* FOR SUPERELEVATION RANGES AND TRANSITIONS REFERENCE TYPICAL SECTION SHEETS *

MATCHLINE STA. 1762+75.00

VPC 1766+24.00

VPI 1767+89.00
EL 470.43

+0.32%

-1.85%

VPT 1769+54.00

DS = 60 MPH
SSD = 662'
K = 152
330.00' V.C.

EX. GROUND

PR. GROUND

FILL EXCEPTION

1772+07.36

1773+48.90

MSE WALL

MSE WALL

MATCHLINE STA. 1776+25.00

469.20 468.86 | 466.36 469.02 | 462.78 469.18 | 463.48 469.34 | 463.76 469.60 | 464.13 469.66 | 464.49 469.82 | 464.81 469.96 | 465.29 469.95 | 465.81 469.78 | 465.29 469.45 | 464.66 468.95 | 464.33 468.28 | 463.16 467.45 | 462.30 466.53 | 460.89 465.60 | 459.46 464.68 | 458.83 463.76 | 440.35 462.83 | 438.76 461.91 | 438.85 460.98 | 441.41 460.06 | 445.80 459.13 | 444.21 458.21 | 442.54 457.28 | 445.64 456.36 | 447.90 455.43

1763 1764 1765 1766 1767 1768 1769 1770 1771 1772 1773 1774 1775 1776

DS = 60 MPH (WITH SUPPLEMENTAL LIGHTING)
K = 85
200.00' V.C.

VPC 1776+89.00

VPT 1778+89.00

PR. GROUND

-1.85%

+0.50%

VPI 1777+89.00
EL 451.94

EX. GROUND

MATCHLINE STA. 1776+25.00

℄ I-270 EB

* FOR SUPERELEVATION RANGES AND TRANSITIONS REFERENCE TYPICAL SECTION SHEETS *

448.78 454.51 | 445.32 453.59 | 442.67 452.88 | 440.69 452.46 | 438.93 452.33 | 439.05 452.49 | 438.04 | 431.53 | 424.02 | 419.66 | 419.91 | 421.45 | 422.40 | 410.81 | 410.54 | ----- | 400.26 | 399.75 | 399.55 | 399.35 | ----- | 399.14 | 398.94 | 398.74 | 398.54 | 398.33 | ----- | 398.13 | 397.93 | 397.73

1777 1778 1779 1780 1781 1782 1783 1784 1785 1786 1787 1788 1789

5'
50'

PRELIMINARY

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE

DATE PREPARED
3/16/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 10 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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CERTIFICATE OF AUTHORITY: 000159
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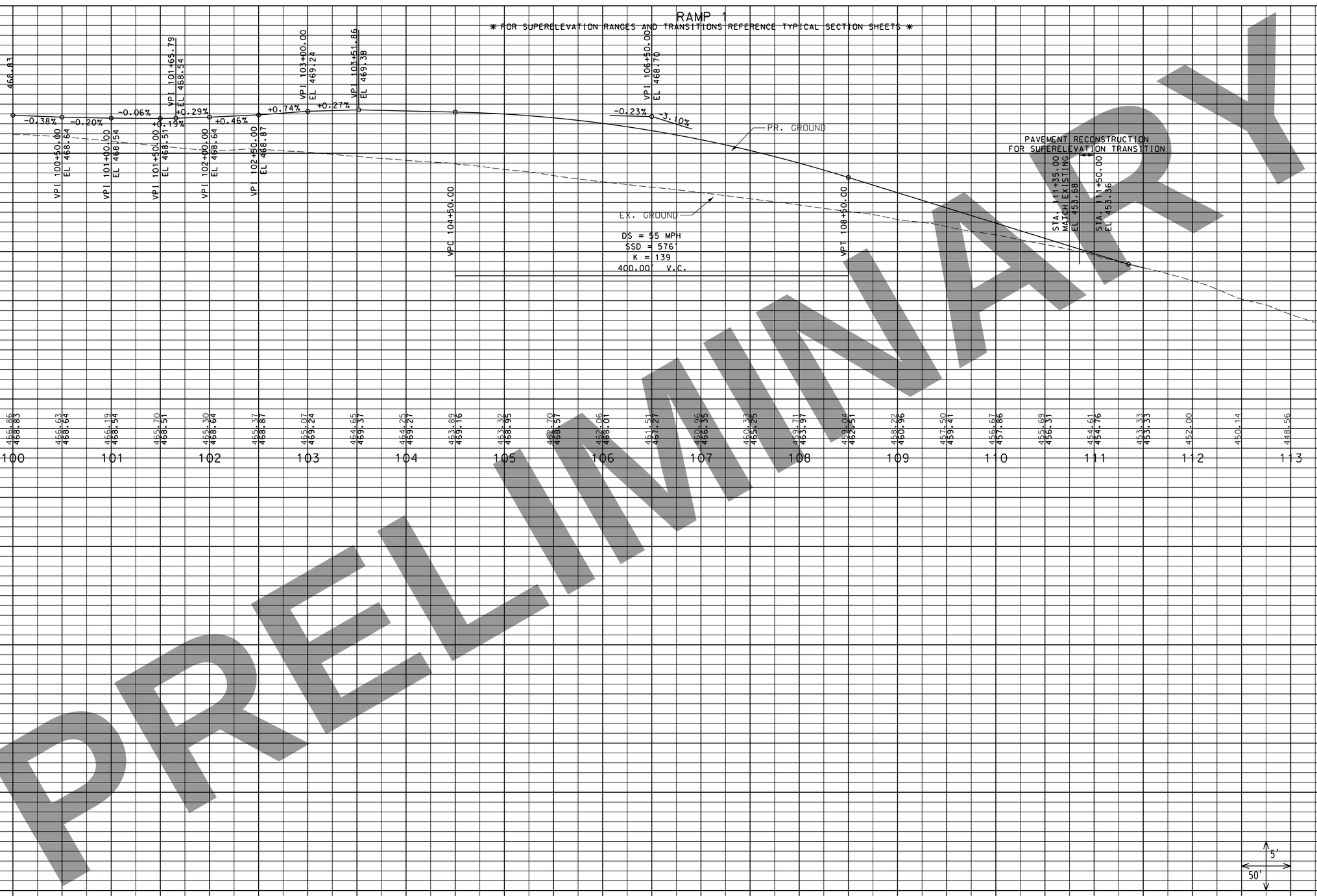
I-270 AND RIVERVIEW

ROADWAY PROFILES
SHEET 2 OF 5

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

# RAMP 1

* FOR SUPERELEVATION RANGES AND TRANSITIONS REFERENCE TYPICAL SECTION SHEETS *




PRELIMINARY

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DATE

DATE PREPARED
3/16/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 11 |

COUNTY
ST. LOUIS CITY/
ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | DESCRIPTION |
|---|---|

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HORNER SHIFRIN
401 S. 18TH ST., STE. 400 ST. LOUIS, MO 63103
314-631-4321 - FAX 314-631-0986
WWW.HORNERSHIFRIN.COM
DISCIPLINE: PROFESSIONAL ENGINEERING
CERTIFICATE OF AUTHORITY: 000159
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW

ROADWAY PROFILES
SHEET 3 OF 5

## RAMP 2

* FOR SUPERELEVATION RANGES AND TRANSITIONS REFERENCE TYPICAL SECTION SHEETS *

VPI 300+50.00 EL 466.65
VPI 300+71.45 EL 466.67
VPI 301+00.00 EL 466.69
VPI 301+50.00 EL 466.58
VPI 302+00.00 EL 466.68
VPI 302+17.99 EL 466.69
VPI 302+50.00 EL 466.87
VPI 302+68.29 EL 466.92
VPI 304+60.00 EL 466.57
VPC 303+20.00
VPT 306+00.00
DS = 45 MPH
SSD = 413'
K = 71
280.00' V.C.
PR. GROUND
EX. GROUND
DS = 35 MPH
K = 29
120.00' V.C.
VPC 311+00.00
VPT 312+20.00
VPI 311+60.00 EL 437.63

## RAMP 3

VPI 203+60.00 EL 452.73
VPI 200+01.06 EL 440.19
VPC 200+15.23
VPT 201+25.23
VPC 202+06.06
VPI 200+70.23 EL 440.17
VPT 205+15.00
VPI 205+23.98 EL 451.63
VPI 205+58.56 EL 451.47
VPI 206+00.00 EL 451.48
VPI 206+50.00 EL 451.67
VPI 207+00.00 EL 452.06
DS = 20 MPH
K = 25
110.00' V.C.
DS = 45 MPH
SSD = 371'
K = 62
310.00' V.C.
PR. GROUND
EX. GROUND

* FOR SUPERELEVATION RANGES AND TRANSITIONS REFERENCE TYPICAL SECTION SHEETS *

5'
50'

PRELIMINARY

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE

DATE PREPARED 3/16/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 12 |

COUNTY: ST. LOUIS CITY/ ST. LOUIS

JOB NO. J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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JEFFERSON CITY - MO 65102
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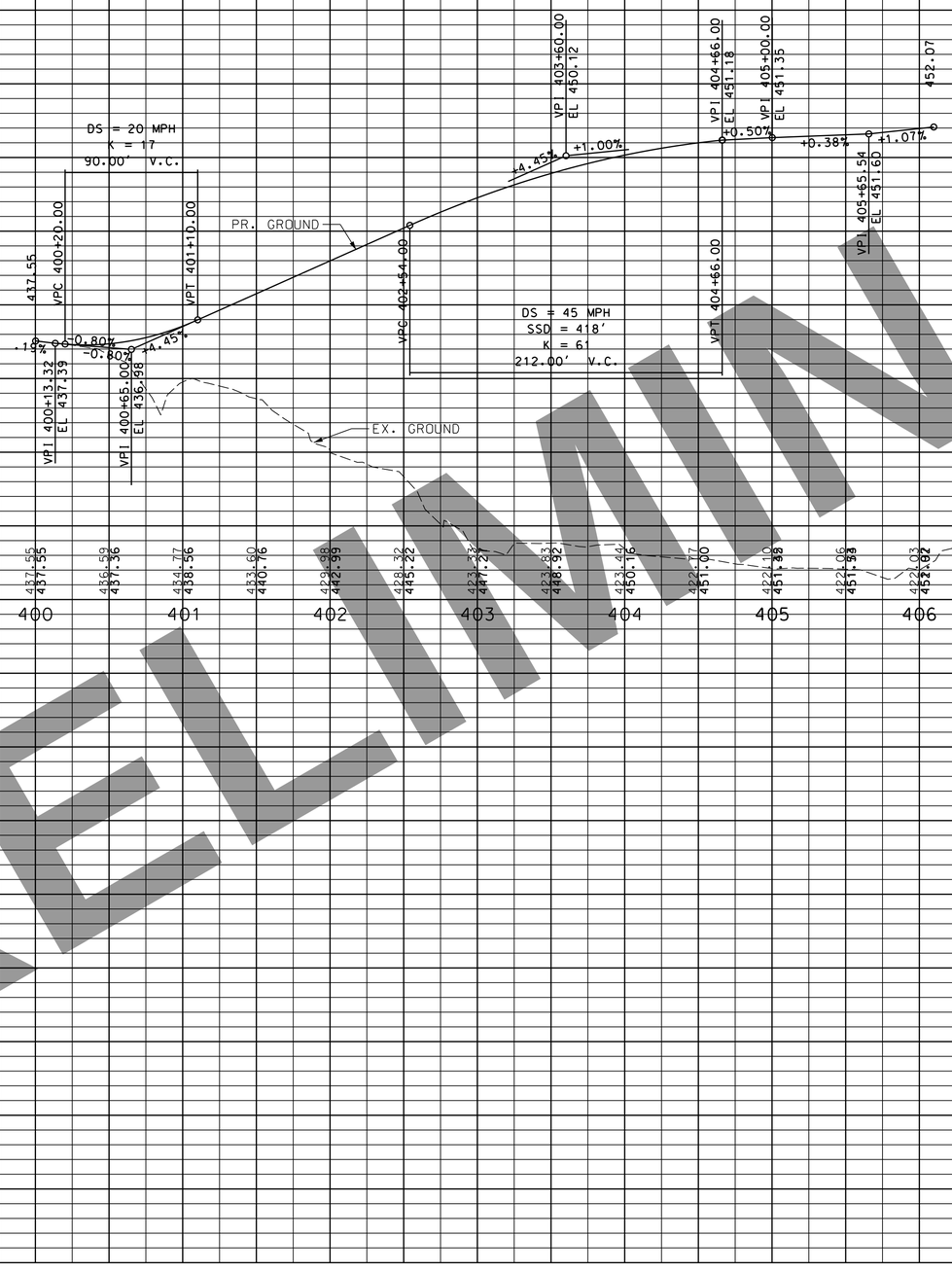
I-270 AND RIVERVIEW

ROADWAY PROFILES
SHEET 4 OF 5

# RAMP 4

✱ FOR SUPERELEVATION RANGES AND TRANSITIONS REFERENCE TYPICAL SECTION SHEETS ✱




PRELIMINARY

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DATE

DATE PREPARED
3/16/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 13 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
|---|---|
| | |

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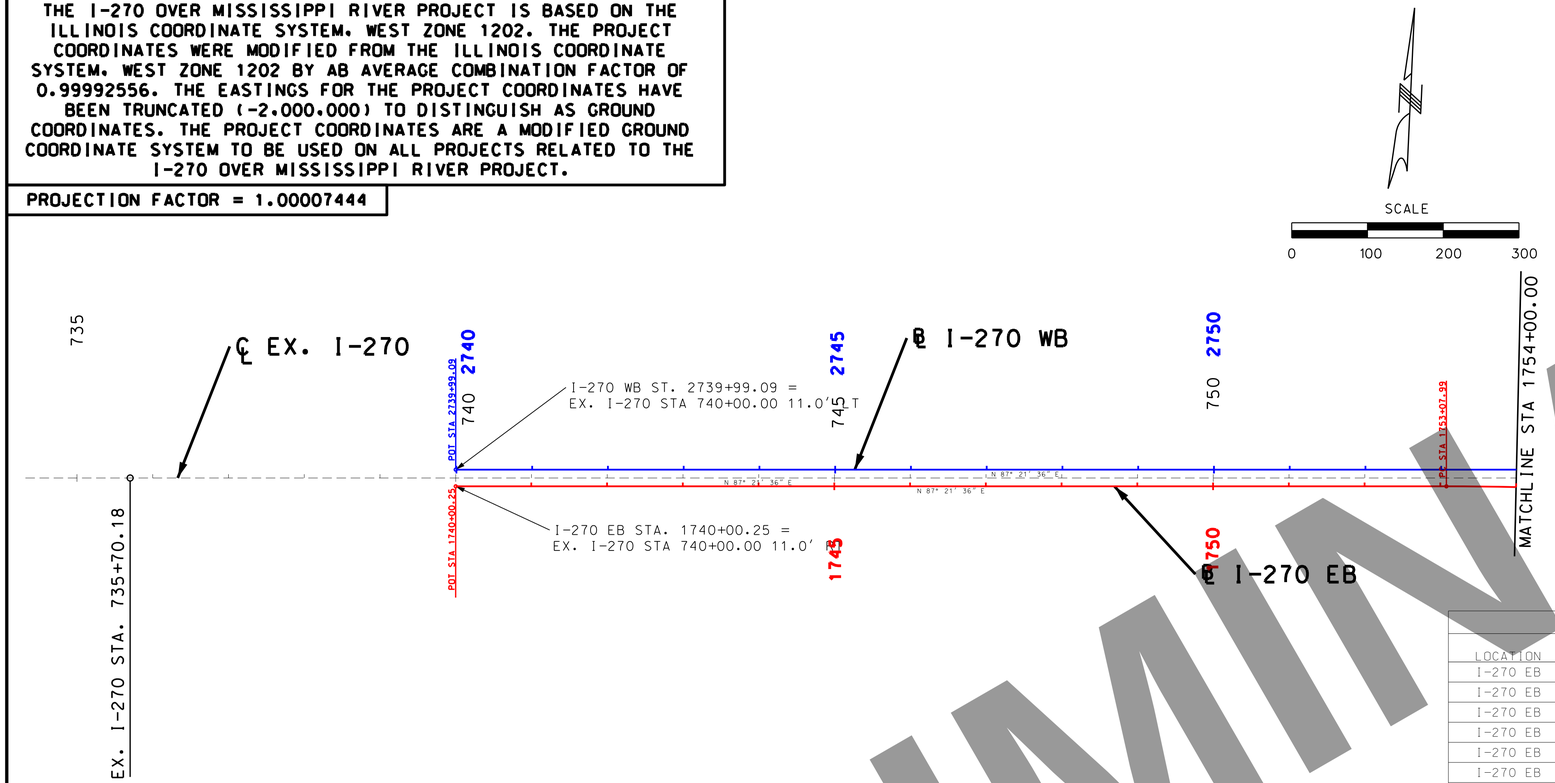
I-270 AND RIVERVIEW

ROADWAY PROFILES
SHEET 5 OF 5

5'
50'

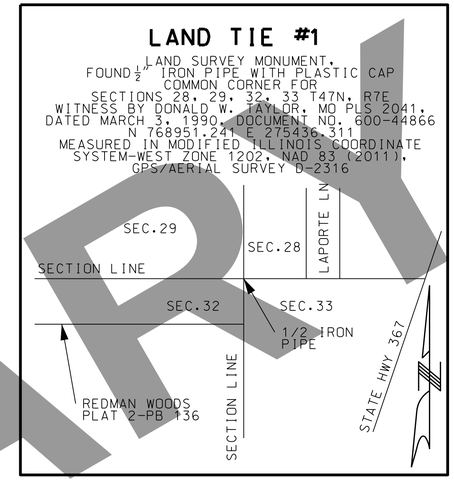
THE I-270 OVER MISSISSIPPI RIVER PROJECT IS BASED ON THE ILLINOIS COORDINATE SYSTEM, WEST ZONE 1202. THE PROJECT COORDINATES WERE MODIFIED FROM THE ILLINOIS COORDINATE SYSTEM, WEST ZONE 1202 BY AB AVERAGE COMBINATION FACTOR OF 0.99992556. THE EASTINGS FOR THE PROJECT COORDINATES HAVE BEEN TRUNCATED (-2,000,000) TO DISTINGUISH AS GROUND COORDINATES. THE PROJECT COORDINATES ARE A MODIFIED GROUND COORDINATE SYSTEM TO BE USED ON ALL PROJECTS RELATED TO THE I-270 OVER MISSISSIPPI RIVER PROJECT.

PROJECTION FACTOR = 1.00007444




## LAND TIE #1

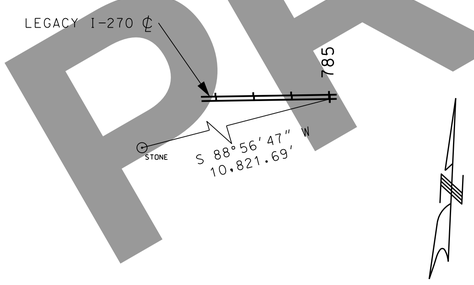
LAND SURVEY MONUMENT,
FOUND ½" IRON PIPE WITH PLASTIC CAP
COMMON CORNER FOR
SECTIONS 28, 29, 32, 33 T47N, R7E
WITNESS BY DONALD W. TAYLOR, MO PLS 2041,
DATED MARCH 3, 1990, DOCUMENT NO. 600-44866
N 768951.241 E 275436.311
MEASURED IN MODIFIED ILLINOIS COORDINATE
SYSTEM-WEST ZONE 1202, NAD 83 (2011),
GPS/AERIAL SURVEY D-2316




| COORDINATE POINTS | | | | |
|---|---|---|---|---|
| LOCATION | OFFSET | NORTHING (FEET) | EASTING (FEET) | DESCRIPTION |
| EX. I-270 | CL | 765019.62 | 288586.60 | BEGIN PROJECT POT STA. 735+70.18 |
| EX. I-270 | CL | 765124.04 | 290551.09 | PC STA. 758+37.08 |
| EX. I-270 | 49.53 LT | 765148.68 | 291385.58 | PI STA. 763+66.04 |
| EX. I-270 | CL | 765099.62 | 291378.74 | PT STA. 768+95.00 |
| EX. I-270 | CL | 764467.97 | 293417.56 | POT STA. 785+00.00 |

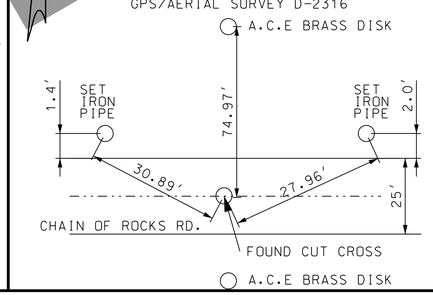
## LAND TIE #2

OLD STONE BEING THE SOUTHWEST CORNER OF U.S. SURVEY 112
FACTIONAL SECTION 34, TOWNSHIP 47 NORTH, RANGE 7 EAST
WITNESSED BY ANDREW WILLIAMS, PLS 2645,
DATED AUGUST 4, 2016, DOCUMENT NO. 600-98277
N 325431.337 E 274653.243
RECORDED IN MISSOURI COORDINATE SYSTEM (1983 METRIC) EAST ZONE (2401)



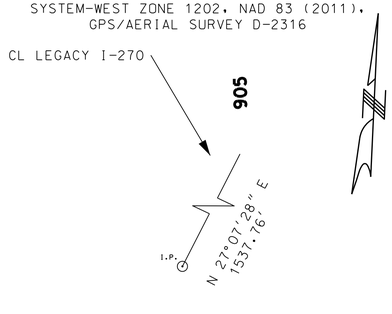

## LAND TIE #3

LAND SURVEY MONUMENT, FOUND CUT CROSS
SOUTHEAST CORNER OF SECTION 30, T4N, R9W
OF THE 3" PRINCIPAL MERIDIAN PER M.R.
2010R51809 N 763055.993 E 306594.027
℄ LEGACY I-270 STA 905+00:
SOUTH 54°05'35" E 2241.95'
MEASURED IN MODIFIED ILLINOIS COORDINATE
SYSTEM-WEST ZONE 1202, NAD 83 (2011),
GPS/AERIAL SURVEY D-2316




## LAND TIE #4

PIN WITH CAP #2534 SOUTH QUARTER CORNER OF
SECTION 30, T4N, R9W OF THE 3" PRINCIPAL
MERIDIAN PER M.R. 2010R51809 TO
℄ LEGACY I-270 STA 905+00:
N 763002.193 E 304077.006
NORTH 27°07'28" E 1537.76'
MEASURED IN MODIFIED ILLINOIS COORDINATE
SYSTEM-WEST ZONE 1202, NAD 83 (2011),
GPS/AERIAL SURVEY D-2316




| COORDINATE POINTS | | | | |
|---|---|---|---|---|
| LOCATION | OFFSET | NORTHING (FEET) | EASTING (FEET) | DESCRIPTION |
| I-270 EB | BL | 765028.43 | 289016.47 | POT STA. 1740+00.25 |
| I-270 EB | BL | 765088.67 | 290322.82 | PC STA. 1753+07.99 |
| I-270 EB | 11.58 LT | 765102.80 | 290629.40 | PI STA. 1756+14.90 |
| I-270 EB | BL | 765070.69 | 290934.62 | PCC STA. 1759+20.64 |
| I-270 EB | 24.63 LT | 765021.36 | 291403.54 | PI STA. 1763+92.15 |
| I-270 EB | BL | 764875.90 | 291852.06 | PT STA. 1768+60.23 |
| I-270 EB | BL | 764756.79 | 292219.31 | POT 13+35.80 RIVERVIEW SB |
| I-270 EB | BL | 764738.05 | 292277.07 | POT 13+26.46 RIVERVIEW NB |
| I-270 EB | BL | 764538.51 | 292892.32 | END PROJECT STA. 1779+53.84 |
| I-270 WB | BL | 765050.41 | 289015.45 | BEGIN PROJECT POT STA. 2739+99.09 |
| I-270 WB | BL | 765119.68 | 290517.73 | PC STA. 2755+02.96 |
| I-270 WB | 55.74 LT | 765148.15 | 291135.23 | PI STA. 2761+21.12 |
| I-270 WB | BL | 764957.44 | 291723.25 | PT STA. 2767+25.93 |
| I-270 WB | BL | 764794.59 | 292225.38 | POT 13+74.09 RIVERVIEW SB |
| I-270 WB | BL | 764775.86 | 292283.14 | POT 13+64.78 RIVERVIEW NB |
| I-270 WB | BL | 764572.02 | 292911.64 | END PROJECT STA. 2779+75.26 |
| RAMP 1 | BL | 765169.24 | 290555.7 | BEGIN RAMP 1/POT STA. 100+00.00 |
| RAMP 1 | BL | 765184.06 | 290986.07 | PC STA. 104+30.63 |
| RAMP 1 | 15.06' LT | 765195.68 | 291323.62 | PI STA. 107+68.38 |
| RAMP 1 | BL | 765147.27 | 291657.88 | PT STA. 111+04.34 |
| RAMP 1 | BL | 765142.88 | 291688.23 | END PROJECT STA. 111+35.00 |
| RAMP 2 | BL | 765014.43 | 291004.53 | BEGIN RAMP 2/POT STA. 300+00.00 |
| RAMP 2 | 4.35' LT | 765003.09 | 291097.17 | PI STA. 300+93.33 |
| RAMP 2 | BL | 764974.81 | 291186.11 | PT STA. 301+86.12 |
| RAMP 2 | BL | 764780.94 | 291795.79 | PC STA. 308+25.88 |
| RAMP 2 | 10.26' LT | 764737.4 | 291932.7 | PI STA. 309+69.55 |
| RAMP 2 | BL | 764657.08 | 292051.88 | PT STA. 311+11.28 |
| RAMP 2 | BL | 764564.9 | 292188.52 | END RAMP 2/POT STA. 312+76.14 |
| RAMP 3 | BL | 765032.66 | 292324.35 | BEGIN RAMP 3/POT STA. 200+00.00 |
| RAMP 3 | BL | 764799.57 | 292602.18 | PC STA. 203+62.65 |
| RAMP 3 | 18.79' RT | 764674.49 | 292751.28 | PI STA. 205+57.27 |
| RAMP 3 | BL | 764614.45 | 292936.4 | END RAMP 3/PT STA. 207+47.08 |
| RAMP 4 | BL | 764544.57 | 292246.02 | BEGIN RAMP 4/POT STA. 400+00.00 |
| RAMP 4 | BL | 764535.62 | 292611.09 | PC STA. 403+65.18 |
| RAMP 4 | 10.54' LT | 764532.06 | 292756.63 | PI STA. 405+10.76 |
| RAMP 4 | BL | 764487.15 | 292895.11 | END RAMP 4/PT STA. 406+54.31 |
| NB RIVERVIEW | BL | 764275.36 | 292200.42 | RIVERVIEW DRIVE NB BEGIN PROJECT 8+63.24 |
| NB RIVERVIEW | BL | 764390.21 | 292221.25 | PT STA. 9+79.97/STA. 9+74.20 |
| NB RIVERVIEW | BL | 765432.91 | 292388.58 | RIVERVIEW DRIVE NB END PROJECT 20+30.25 |
| SB RIVERVIEW | BL | 764140.86 | 292115.6 | RIVERVIEW DRIVE SB BEGIN PROJECT 7+11.14 |
| SB RIVERVIEW | 4.09' RT | 764152.81 | 292122.39 | PI STA. 7+24.39 |
| SB RIVERVIEW | BL | 764303.98 | 292146.65 | PT STA. 8+77.20 |
| SB RIVERVIEW | BL | 765442.29 | 292329.32 | RIVERVIEW DRIVE SB END PROJECT 20+30.08 |

PRELIMINARY

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DATE

DATE PREPARED
3/16/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 14 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
|---|---|
| | |

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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HORNER SHIFRIN
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314-431-4321 - FAX 314-431-8866
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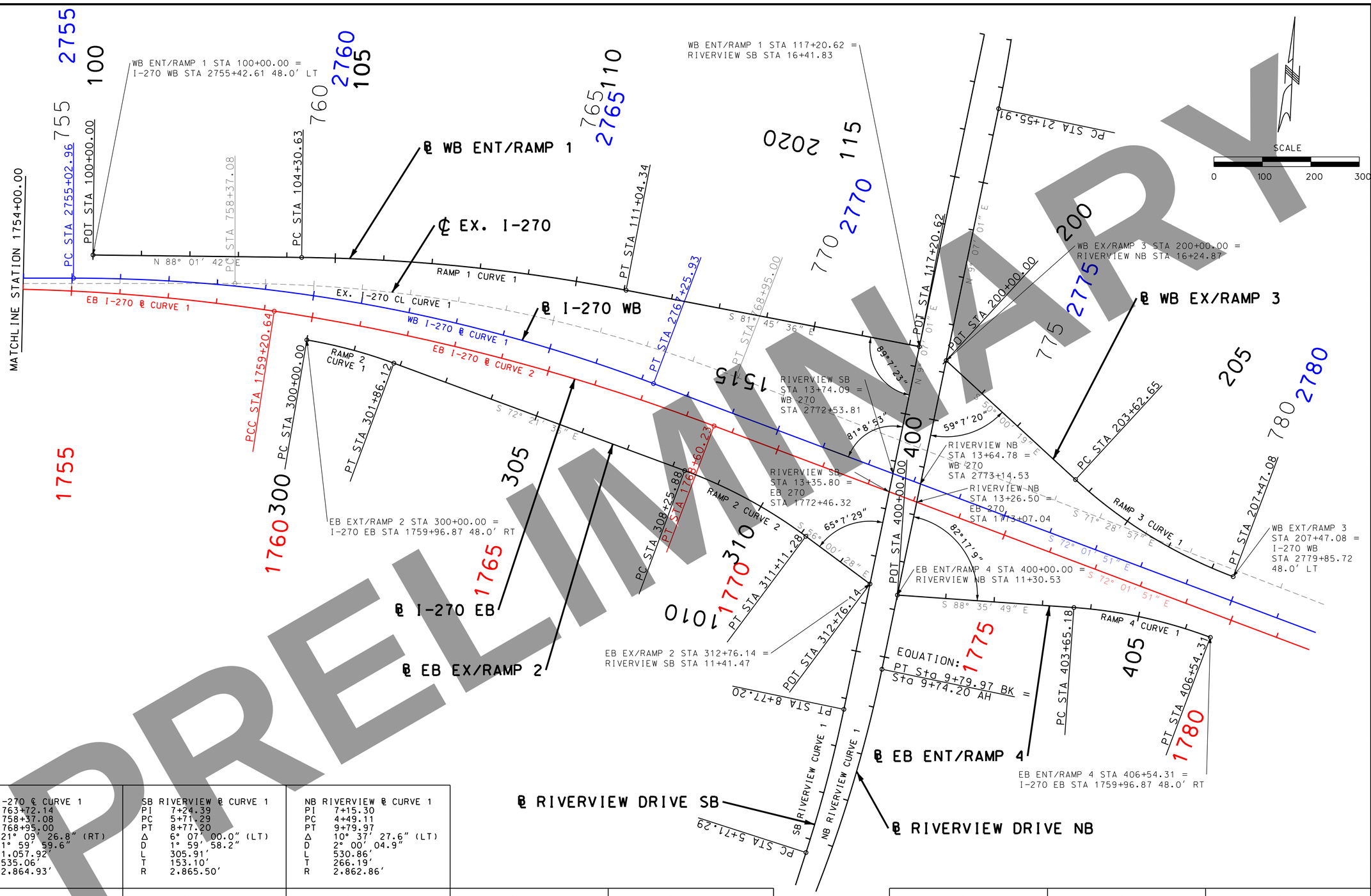
DISCIPLINE: PROFESSIONAL ENGINEERING
CERTIFICATE OF AUTHORITY: 000169
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW
GEOMETRICS & COORDINATE POINTS
SHEET 1 OF 2




PRELIMINARY

| EX. I-270 ℄ CURVE 1 | |
|---|---|
| PI | 763+72.14 |
| PC | 758+37.08 |
| PT | 768+95.00 |
| Δ | 21° 09' 26.8" (RT) |
| D | 1° 59' 59.6" |
| L | 1,057.92' |
| T | 535.06' |
| R | 2,864.93' |

| SB RIVERVIEW ℄ CURVE 1 | |
|---|---|
| PI | 7+24.39 |
| PC | 5+71.29 |
| PT | 8+77.20 |
| Δ | 6° 07' 00.0" (LT) |
| D | 1° 59' 58.2" |
| L | 305.91' |
| T | 153.10' |
| R | 2,865.50' |

| NB RIVERVIEW ℄ CURVE 1 | |
|---|---|
| PI | 7+15.30 |
| PC | 4+49.11 |
| PT | 9+79.97 |
| Δ | 10° 37' 27.6" (LT) |
| D | 2° 00' 04.9" |
| L | 530.86' |
| T | 266.19' |
| R | 2,862.86' |

| RAMP 1 ℄ CURVE 1 | |
|---|---|
| PI | 107+68.38 |
| PC | 104+30.63 |
| PT | 111+04.34 |
| Δ | 10° 12' 42.7" (RT) |
| D | 1° 30' 56.7" |
| L | 673.71' |
| T | 337.75' |
| R | 3,780.00' |
| e | 2.2% |

| RAMP 2 ℄ CURVE 1 | |
|---|---|
| PI | 300+93.33 |
| PC | 300+00.00 |
| PT | 301+86.12 |
| Δ | 10° 39' 49.4" (RT) |
| D | 5° 43' 46.5" |
| L | 186.12' |
| T | 93.33' |
| R | 1,000.00' |
| e | 3.8% |

| RAMP 2 ℄ CURVE 2 | |
|---|---|
| PI | 309+69.55 |
| PC | 308+25.88 |
| PT | 311+11.28 |
| Δ | 16° 21' 07.6" (RT) |
| D | 5° 43' 46.5" |
| L | 285.40' |
| T | 143.68' |
| R | 1,000.00' |
| e | 3.8% |

| RAMP 3 ℄ CURVE 1 | |
|---|---|
| PI | 205+57.27 |
| PC | 203+62.65 |
| PT | 207+47.08 |
| Δ | 22° 01' 32.7" (LT) |
| D | 5° 43' 46.5" |
| L | 384.42' |
| T | 194.61' |
| R | 1,000.00' |
| e | 3.8% |

| RAMP 4 ℄ CURVE 1 | |
|---|---|
| PI | 405+10.76 |
| PC | 403+65.18 |
| PT | 406+54.31 |
| Δ | 16° 33' 58.0" (RT) |
| D | 5° 43' 46.5" |
| L | 289.13' |
| T | 145.58' |
| R | 1,000.00' |
| e | 3.8% |

| EB I-270 ℄ CURVE 1 | |
|---|---|
| PI | 1756+14.90 |
| PC | 1753+07.99 |
| PCC | 1759+20.64 |
| Δ | 8° 38' 45.1" (RT) |
| D | 1° 24' 40.4" |
| L | 612.65' |
| T | 306.91' |
| R | 4,060.00' |
| e | 2.8% |

| EB I-270 ℄ CURVE 2 | |
|---|---|
| PI | 1763+92.15 |
| PCC | 1759+20.64 |
| PT | 1768+60.23 |
| Δ | 11° 57' 47.6" (RT) |
| D | 1° 16' 23.7" |
| L | 939.59' |
| T | 471.51' |
| R | 4,500.00' |
| e | 2.8% |

| WB I-270 ℄ CURVE 1 | |
|---|---|
| PI | 2761+21.12 |
| PC | 2755+02.96 |
| PT | 2767+25.93 |
| Δ | 20° 36' 32.8" (RT) |
| D | 1° 41' 06.6" |
| L | 1,222.97' |
| T | 618.16' |
| R | 3,400.00' |
| e | 3.2% |

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE

DATE PREPARED 3/16/2022

ROUTE I-270 | STATE MO

DISTRICT SL | SHEET NO. 15

COUNTY ST. LOUIS CITY/ ST. LOUIS

JOB NO. J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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CERTIFICATE OF AUTHORITY: 000159
EXPIRATION DATE: DECEMBER 31, 2022

# I-270 AND RIVERVIEW

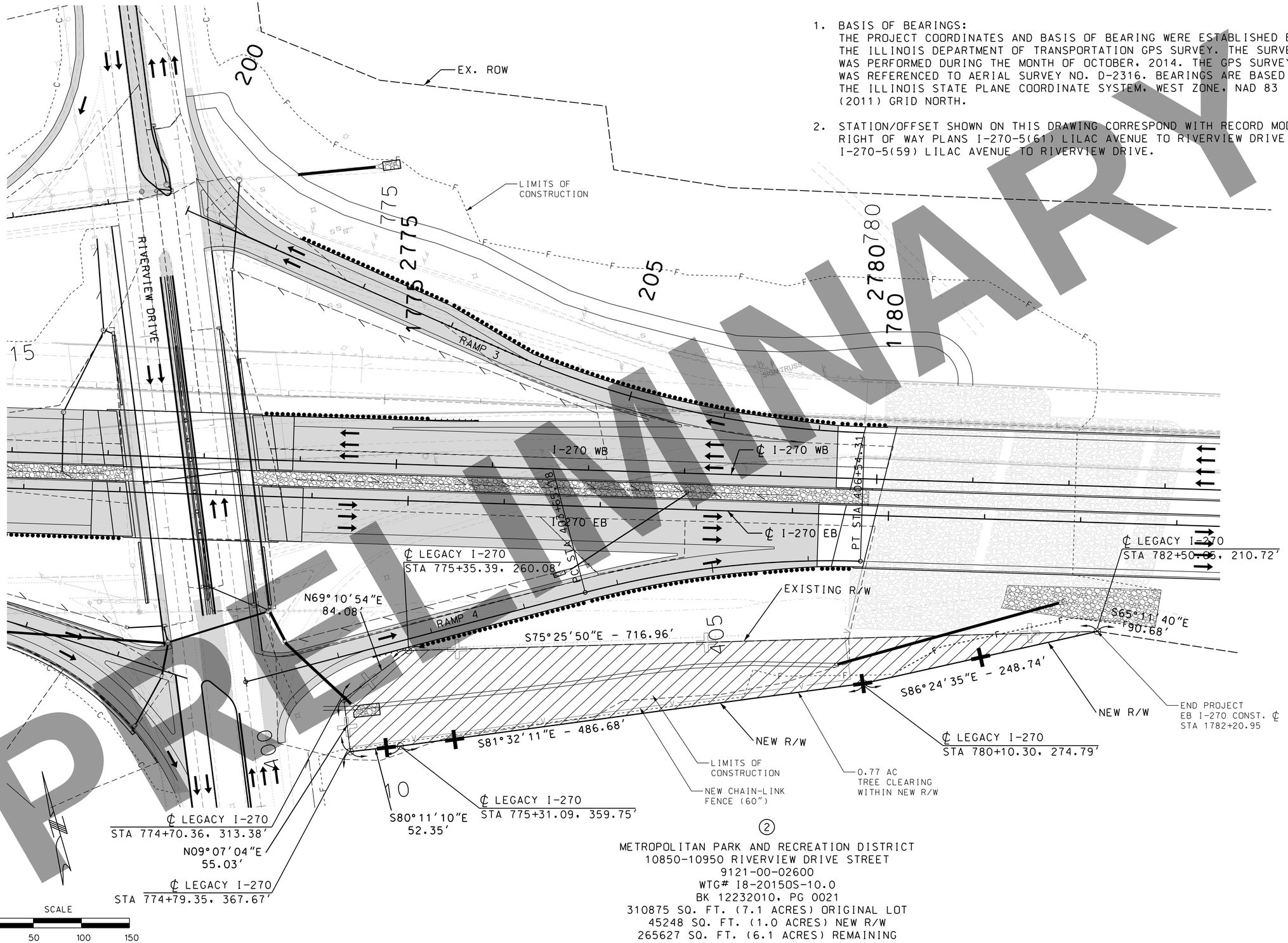
## GEOMETRICS & COORDINATE POINTS

SHEET 2 OF 2

SURVEY NOTES:

1. BASIS OF BEARINGS:
   THE PROJECT COORDINATES AND BASIS OF BEARING WERE ESTABLISHED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION GPS SURVEY. THE SURVEY WAS PERFORMED DURING THE MONTH OF OCTOBER, 2014. THE GPS SURVEY WAS REFERENCED TO AERIAL SURVEY NO. D-2316. BEARINGS ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, WEST ZONE, NAD 83 (2011) GRID NORTH.

2. STATION/OFFSET SHOWN ON THIS DRAWING CORRESPOND WITH RECORD MODOT RIGHT OF WAY PLANS I-270-5(61) LILAC AVENUE TO RIVERVIEW DRIVE AND I-270-5(59) LILAC AVENUE TO RIVERVIEW DRIVE.




SCALE
0 50 100 150

PRELIMINARY

(2)

METROPOLITAN PARK AND RECREATION DISTRICT
10850-10950 RIVERVIEW DRIVE STREET
9121-00-02600
WTG# I8-20150S-10.0
BK 12232010, PG 0021
310875 SQ. FT. (7.1 ACRES) ORIGINAL LOT
45248 SQ. FT. (1.0 ACRES) NEW R/W
265627 SQ. FT. (6.1 ACRES) REMAINING

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 16 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

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BRIDGE NO.

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CERTIFICATE OF AUTHORITY: 000169
EXPIRATION DATE: DECEMBER 31, 2022


I-270 AND RIVERVIEW

RIGHT OF WAY
SHEET 1 OF 2

A TRACT OF LAND BEING PART OF LOTS 1,2
AND B OF "2ND AMENDED LIGHTHOUSE
ST.LOUIS" OF THE CITY OF ST. LOUIS, ST. LOUIS
COUNTY, MISSOURI

FOR INFORMATION ONLY

PRELIMINARY

SCALE
0 100 200 300 400 500

LEGEND

I.P. ⊙ - FOUND IRON ROD
(S) - SURVEYED IN FIELD
(D) - RECORDED IN DEED
(R) - RECORDED IN PLAT
SQ. FT. - SQUARE FEET
AC. - ACRES

- EXISTING RIGHT-OF-WAY OF ROADWAY
- NEW RIGHT-OF-WAY OF ROADWAY
- BOUNDARY LINE
- ORIGINAL PROPERTY LINE
- ADJOINER PROPERTY LINE

SURVEY NOTES:

1. BASIS OF BEARINGS:
THE PROJECT COORDINATES AND BASIS OF BEARING WERE ESTABLISHED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION GPS SURVEY. THE SURVEY WAS PERFORMED DURING THE MONTH OF OCTOBER, 2014. THE GPS SURVEY WAS REFERENCED TO AERIAL SURVEY NO. D-2316. BEARINGS ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, WEST ZONE, NAD 83 (2011) GRID NORTH.
2. SOURCE OF RECORDS:
NO TITLE INSURANCE COMMITMENT WAS FURNISHED TO THE SURVEYOR; THEREFORE THERE MAY BE OTHER EASEMENTS, CONVENANTS AND RESRICTIONS AFFECTING THE SUBJECT PROPERY THAT ARE NOT SHOWN ON THIS SURVEY.
3. STATION/OFFSET SHOWN ON THIS DRAWING CORRESPOND WITH RECORD MODOT RIGHT OF WAY PLANS I-270-51(1) LILAC AVENUE TO RIVERVIEW DRIVE AND I-270-51(9) LILAC AVENUE TO RIVERVIEW DRIVE.
4. ALL DISTANCES SHOWN HEREON ARE GROUND DISTANCES. TO CONVERT TO GRID, MULTIPLY BY A COMBINED GRID FACTOR OF 0.99992556.

MISSISSIPPI RIVER

236.70'(R)
N17°49'33"E(D) S23°23'8"W
S24°43'42"W(R) 630.83'(R)
911.00'(D)
25'
25' SETBACK PER ZONING ORDINANCE
S18°05'21"W(S)
N15°54'33"E(D) 974.45'(D)
S19°25'55"W(R) 794.08'(R)
STREAM SETBACK ZONE #1
100' WIDE
100'
WEST LINE OF MISSISSIPPI RIVER
N13°03'29"E(D) S11°22'07"W(S)
S12°42'41"W(R) 598.65'(R)
S12°42'41"W(R)
8.52'(R)
STA.784+13.41
235.00'
STA.784+08.85
235.00'

① N/F
DISCOVERTY PIER LAND HOLDINGS LLC
BOOK 04062010 PAGE 0079
PARCEL NO. 912100035
#11110 RIVERVIEW DRIVE
2,142,668 SQ. FT. ORIG. LOT
19,298 SQ. FT. NEW R/W
0 SQ. FT. PERM. ESMT.
0 SQ FT. ESMT.
2,123,370 SQ. FT REMAINING

LOT 2
LOT 3
LOT 1
LOT B

712.68'(S) 863.17'(R)
1493.40'(S)
1641.46'(D)
1639.90'(R)
S80°52'56"E(S)
N8°01'28"W(S)
S79°32'22"E(R)
780.72'(S) 776.73'(R)
NO9°07'04"W(S) N10°27'38"E(R) 713.78'(R)
573.99'(R)
RAD-282.00'(R)
ARC-95.45'(R)
CB-N00°34'44"E(S), N00°45'50"E(R)
CH-95.00'(R)
RAD-282.00'(R)
ARC-95.45'(R)
CB-N00°34'44"W(S), N00°45'50"E(R)
CH-95.00'(R)
"2ND AMENDED LIGHTHOUSE ST. LOUIS"
PLAT BOOK 05032018 PAGE 0129
N80°52'56"W(S)
N79°32'22"E(R)
54.02'(R)
NO9°07'04"E(S)
N10°27'38"E(R)
383.69'(R)
EXISTING R/W
558.85'(R)
480.45'(R)
N71°28'57"W(S) 558.85'(S)
N70°08'22"W(R) 580.31'(R)
558.85'(R) BK 04062010, PG 0079
STA.779+49.86
235.00'
99.85'
(R)
122.52'(R)
STA.777+28.25
248.70'
STA.777+17.36
314.46'
FOUND IRON ROD
W/ CAP
S35°16'17"E
2.04'
FOUND IRON ROD
W/CAP
S17°49'25"E
1.63'
NO9°07'04"E(S)
N10°27'38"E(R)
299.06'(R)
66.65'
N80°52'56"W(S)
346.22'(S)
N79°32'22"W(R)
374.22'(R)
STA.774+81.42
331.68'
S67°18'25"E(S)
S65°57'51"E(R)
236.57'(S&R)
NEW R/W
S51°33'37"E(S)
S24°11'25"E(D)
S50°13'03"E(R)
135.12'(D)
133.34'(S)
134.98'(S&R)
280.00'(S&R)
402.52'(S) N65°03'48"W(S)
402.52'(R) BK 04062010, PG 0079
N63°43'14"W(R) 402.52'(R)
FOUND IRON ROD
W/CAP
S22°44'10"E
2.42'
STA.774+50
280.00'
135.59'(S)
N25°31'59"W(S)
BK 04062010
PG 0079
137.64'(R)
N24°11'25"W(R)
STA.773+56.06
377.12'
177.43'(R)
418.27'
NO9°07'04"E(S&R) 600.00'(S&R)
N10°35'52"E(R) 595.70'(R)
S10°27'38"W(D) 600.00'(D)
STA.772+58.06
969.06'
STA.771+33.02
1282.94'
STA.769+51.76
1626.23'
STA.769+13.86
1718.77'
STA.768+95.42
1711.22'
STA.768+27.48
1992.9242'
412.04'(R)
FOUND IRON ROD
S18°56'35"W
1.85'
N86°14'51"E(S)
20.00'(S&R)
N87°40'38"W(R)
EXISTING R.O.W. PER
SUITE NO. 46143E FOR
INTERSTATE 270
25' SETBACK PER ZONING ORDINANCE
NO9°19'00"W(S) 388.20'(S)
390.34'(R)(BK 04062010, PG 0079)
NO7°28'02"W(R) 390.34'(R)
NO3°12'17"W(S) 337.87'(S)
337.82'(R) BK 04062010
PG 0079
NO1°51'50"W(R) 337.82'(R)
302.99'(S)
NO3°45'09"W(S)
298.05'(R)
NO2°19'22"W(R)
NO3°45'09"W(S)
100.00'(S&R)
NO2°19'22"W(R)
FOUND IRON ROD
S19°30'59"W
1.73'

RIVERVIEW DRIVE (VARIABLE WIDTH)

INTERSTATE 270
(VARIABLE WIDTH)
(NO DIRECT ACCESS)

STATE OF MISSOURI
PHILIP ANDREW GROUT
NUMBER PLS-2010018902
PROFESSIONAL LAND SURVEYOR
Philip A Grout

DATE PREPARED
3/16/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 17 |

COUNTY
ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

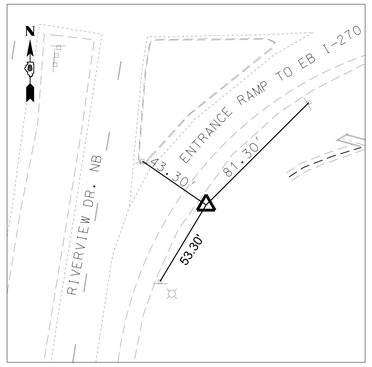
| DESCRIPTION | DATE |
|---|---|
| | |

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

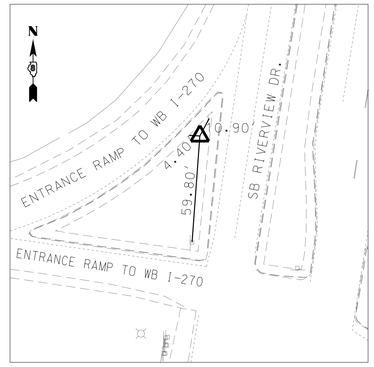
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

CDI ENGINEERING, INC.
CIVIL DESIGN, INC.
Missouri State Certificate of Authority #2002006804

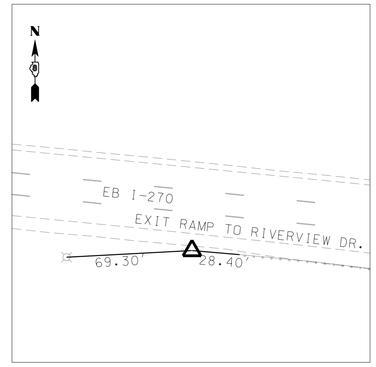
I-270 AND RIVERVIEW
RIGHT OF WAY
SHEET 2 OF 2



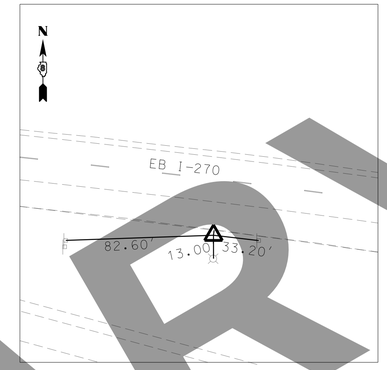

CP 218
5/8"Ø x 30" REBAR WITH IDOT CAP
764,545.2801 N
292,307.1866 E
RAMP 4 - STA. 400+61.13
OFFSET 2.21' LT



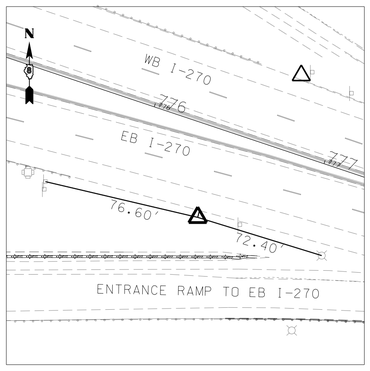

CP 219
5/8"Ø x 30" REBAR WITH IDOT CAP
765,133.8928 N
292,252.7126 E
RAMP 1 - STA. 116+94.94
OFFSET 72.01' LT



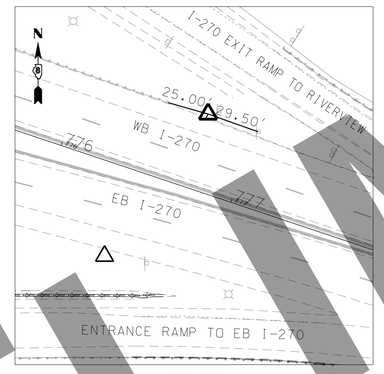

CP 222
5/8"Ø x 30" REBAR WITH IDOT CAP
764,941.4868 N
290,975.1891 E
EASTBOUND I-270 - STA. 1759+76.03
OFFSET 123.92' RT



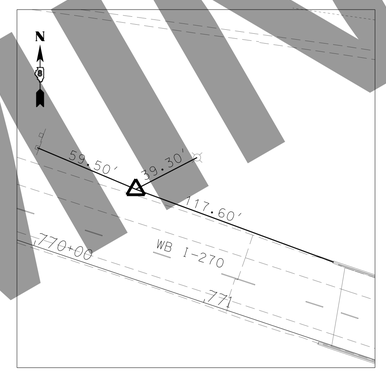

CP 223
5/8"Ø x 30" REBAR WITH IDOT CAP
764,865.3745 N
291,736.8661 E
EASTBOUND I-270 STA. 1767+52.84
OFFSET 44.28' RT



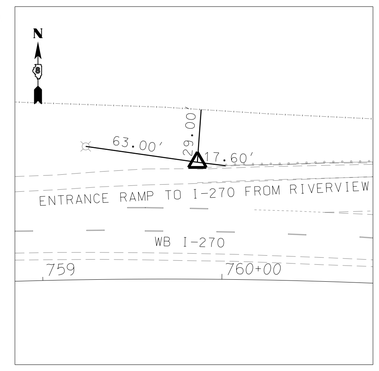

CP 224
5/8"Ø x 30" REBAR WITH IDOT CAP
764,693.1129 N
292,585.7016 E
WESTBOUND I-270 - STA. 2776+27.86
OFFSET 14.63' LT




CP 225
5/8"Ø x 30" REBAR WITH IDOT CAP
764,772.3933 N
292,643.5698 E
RAMP 3 - STA. 204+12.08
OFFSET 4.56' LT




CP 226
5/8"Ø x 30" REBAR WITH IDOT CAP
764,976.7100 N
292,049.4454 E
WESTBOUND I-270 - STA. 2770+30.27
OFFSET 118.96' LT




CP 227
5/8"Ø x 30" REBAR WITH IDOT CAP
765,192.3013 N
291,000.2604 E
RAMP 1 - STA. 104+45.06
OFFSET 7.78' LT

NOTES:
(1) THE COORDINATES SHOWN ABOVE ARE MODIFIED GROUND COORDINATES. MODIFIED FROM ILLINOIS COORDINATE SYSTEM, WEST ZONE 1202 BY AVG COMBINATION FACTOR OF 0.99992556.

(2) THE EASTING FOR THESE POINTS HAS BEEN TRUNCATED (-2,000,000) TO DISTINGUISH AS GROUND COORDINATES.

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## BENCHMARKS

BM 2316-4
CUT "□" ON SOUTHWEST CORNER
OF WING WALL AT THE WEST END OF
OLD CHAIN OF ROCKS BRIDGE OVER THE
MISSISSIPPI RIVER.
ELEV. = 439.761'
763,844.05 N
292,583.14 E
EASTBOUND I-270 - STA. 1778+73.98
OFFET 755.97' RT

BM 2316-5
RR SPIKE IN POWER POLE AT NORTHWEST
CORNER OF RIVERVIEW DR AND COAL BANK RD
ELEV = 430.055'
766,795.14 N
292,381.95 E
EASTBOUND I-270 - STA. 1767+99.17
OFFSET 1989.70' LT

BM CSL 24
DISK IN CONCRETE, BURIED 24" DEEP, ON THE
EAST SIDE OF RIVERVIEW DRIVE, ±23.5 FEET
EAST OF THE CENTERLINE OF PAVEMENT, ±115 FEET
NORTH OF THE CENTERLINE OF COAL BANK ROAD.
NGS PID: AA8584.
ELEV = 427.371'
766,883.0568 N
292,418.6256 E
EASTBOUND I-270 - STA. 1768+05.36
OFFSET 2084.54' LT

PRELIMINARY

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE

DATE PREPARED
3/16/2022

ROUTE: I-270 | STATE: MO
DISTRICT: SL | SHEET NO.: 18
COUNTY: ST. LOUIS CITY/ ST. LOUIS
JOB NO.: J6I3020C
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

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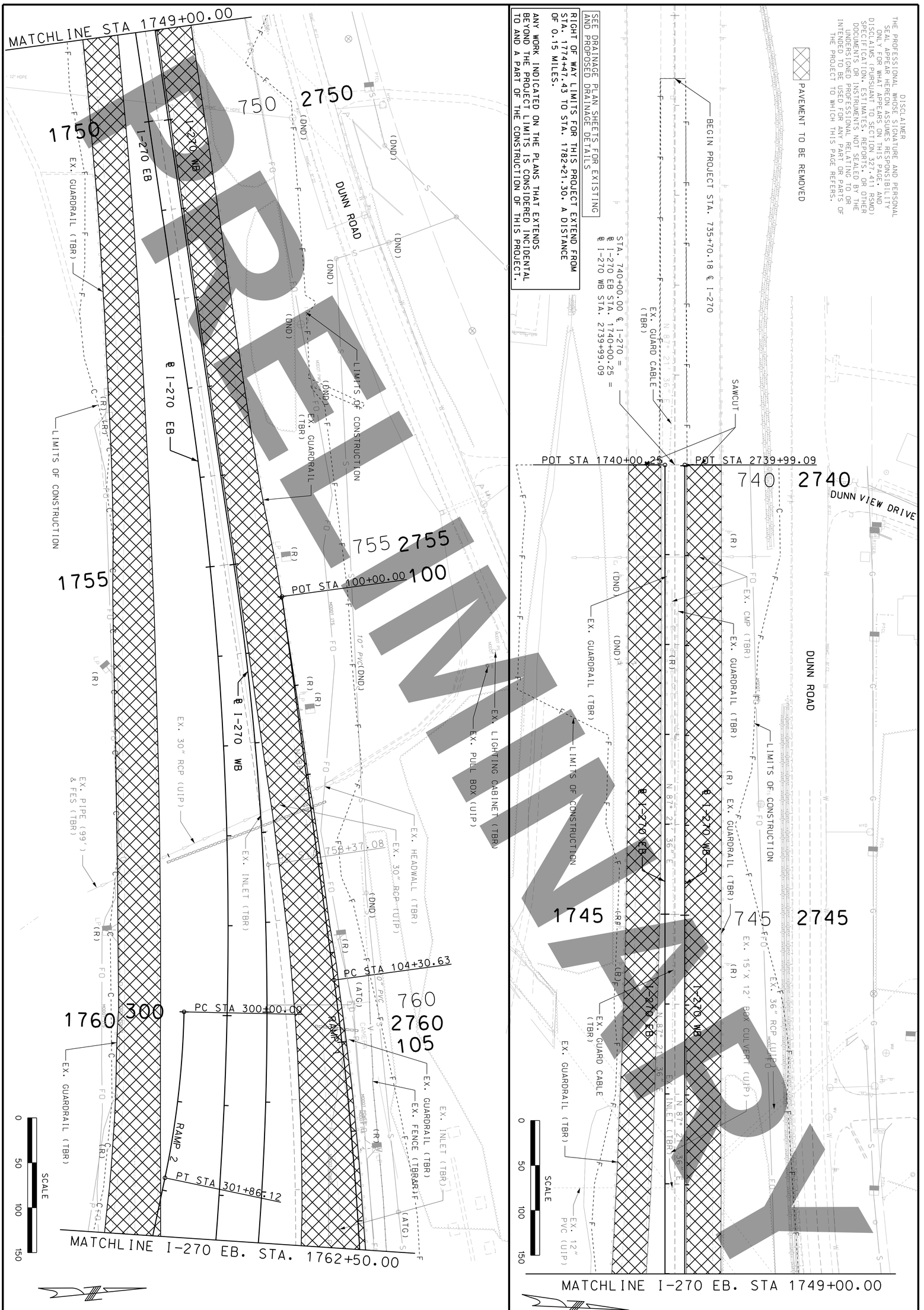
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HORNER SHIFRIN
401 S. 18TH ST., STE. 400 ST. LOUIS, MO 63103
314-431-4321 - FAX 314-431-4966
WWW.HORNERSHIFRIN.COM
DISCIPLINE: CIVIL ENGINEERING
CERTIFICATE OF AUTHORITY: 000169
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW

REFERENCE POINTS
SHEET 1 OF 1




PRELIMINARY

SEE DRAINAGE PLAN SHEETS FOR EXISTING AND PROPOSED DRAINAGE DETAILS

RIGHT OF WAY LIMITS FOR THIS PROJECT EXTEND FROM STA. 1774+47.43 TO STA. 1782+21.30. A DISTANCE OF 0.15 MILES.

ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND A PART OF THE CONSTRUCTION OF THIS PROJECT.

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I-270 AND RIVERVIEW

REMOVALS
SHEET 1 OF 3

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CERTIFICATE OF AUTHORITY: 000159
EXPIRATION DATE: DECEMBER 31, 2022

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

| DATE | DESCRIPTION |
|---|---|
| | |

BRIDGE NO.

PROJECT NO.

CONTRACT ID. J613020C

JOB NO.

COUNTY ST. LOUIS CITY/ ST. LOUIS

DISTRICT SL

ROUTE I-270

STATE MO

SHEET NO. 19

DATE PREPARED 3/16/2022

DATE

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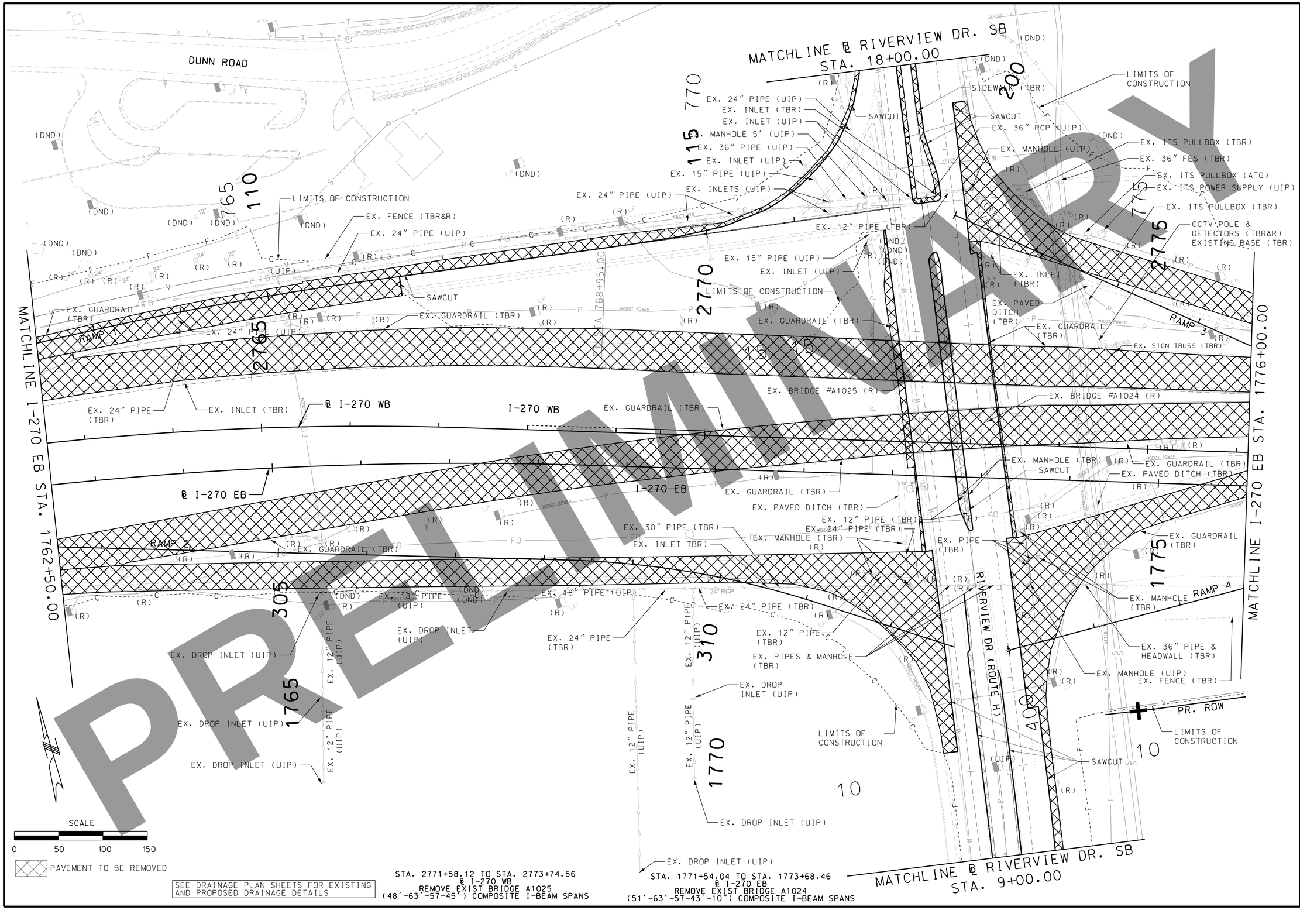


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DATE PREPARED
3/16/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 20 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | DESCRIPTION |
|---|---|

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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JEFFERSON CITY, MO 65102
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HORNER SHIFRIN

401 S. 18TH ST., STE. 400 ST. LOUIS, MO 63103
314-631-4221 - FAX 314-231-6986
WWW.HORNERSHIFRIN.COM
DISCIPLINE: HIGHWAY AND TRAFFIC ENGINEERING
CERTIFICATE OF AUTHORITY: 000159
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW

REMOVALS
SHEET 2 OF 3

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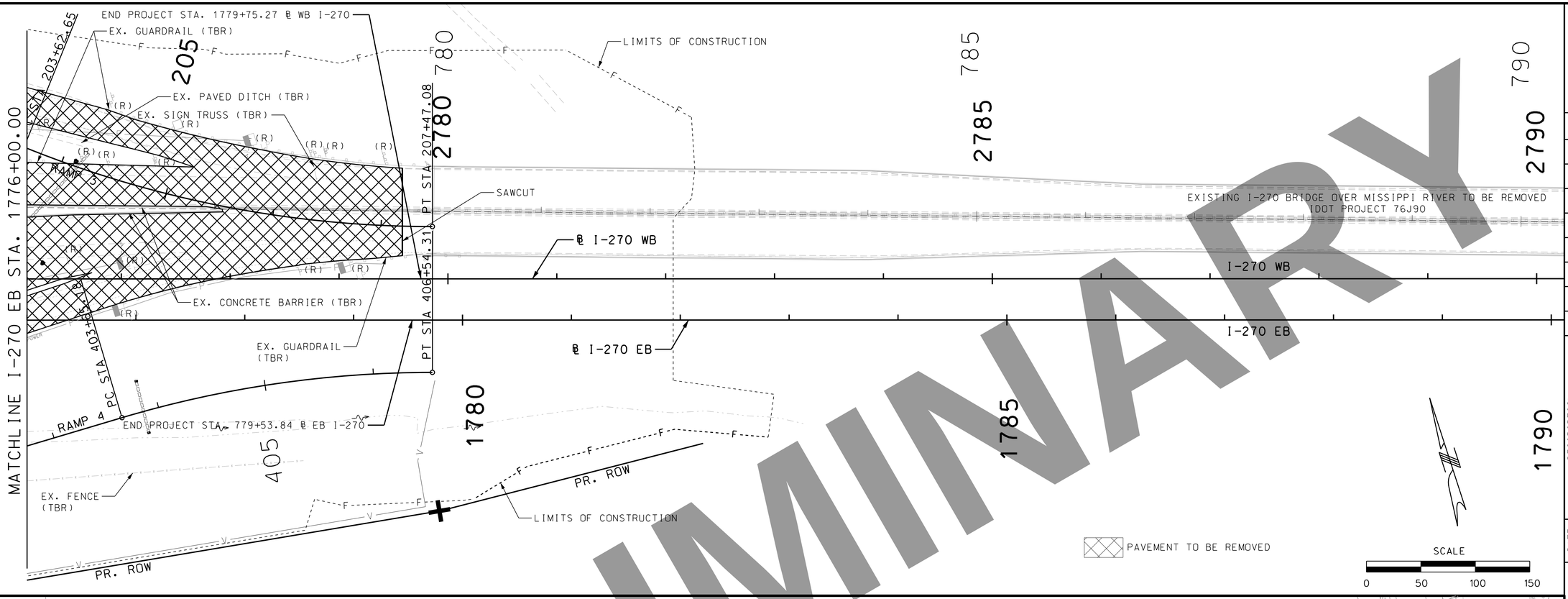


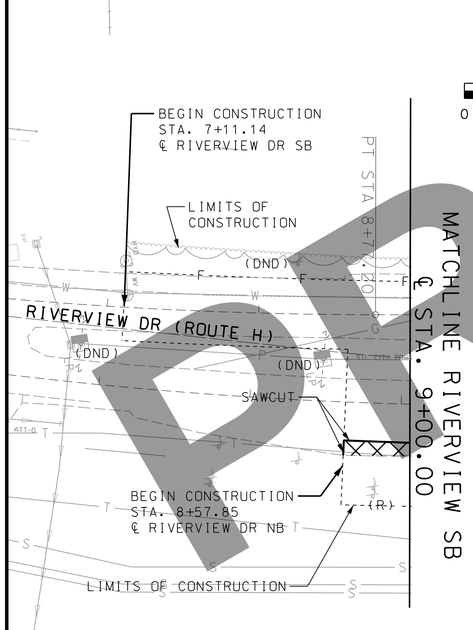


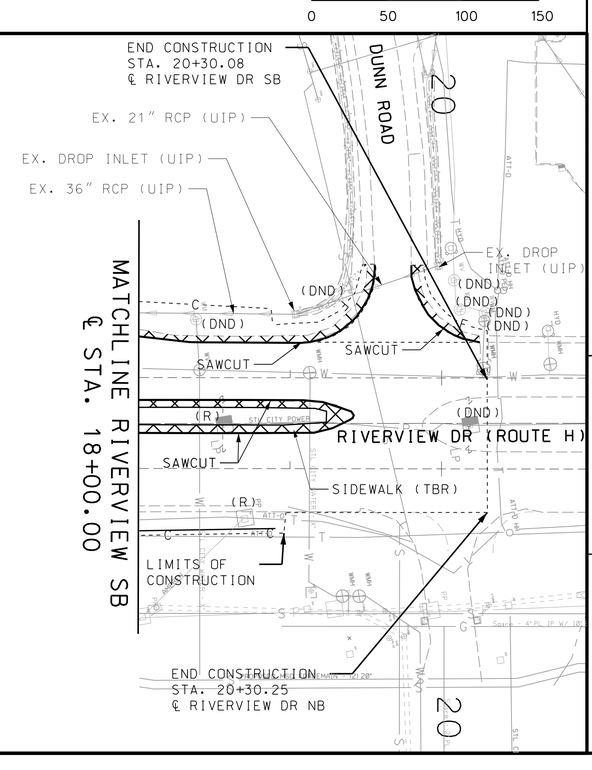


PRELIMINARY

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DATE

DATE PREPARED
3/16/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 21 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

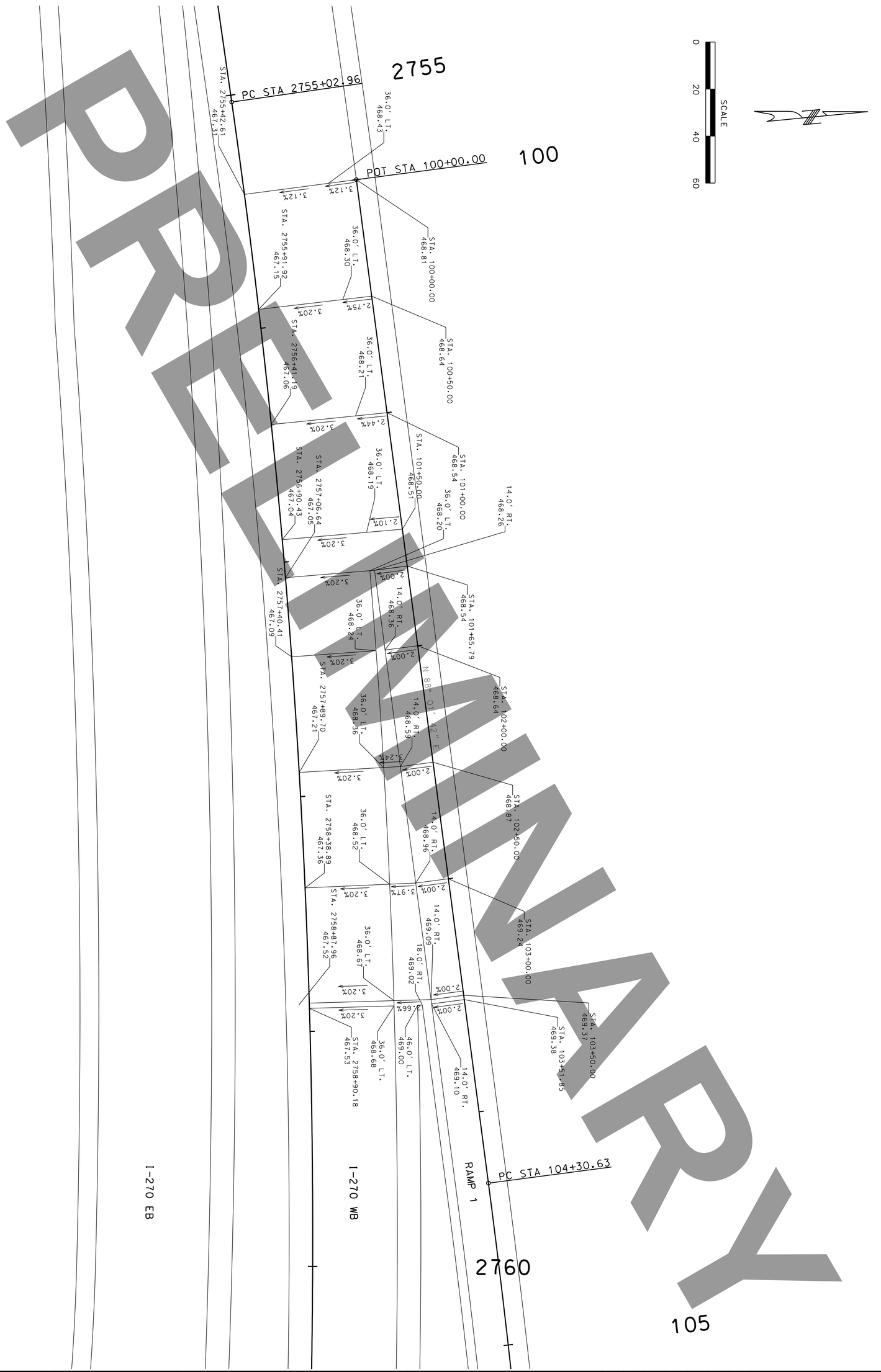
MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HORNER SHIFRIN
401 S. 18TH ST., STE. 400 ST. LOUIS, MO 63103
314-631-4221 - FAX 314-631-6986
WWW.HORNERSHIFRIN.COM
DISCIPLINE: PROFESSIONAL ENGINEERING
CERTIFICATE OF AUTHORITY: 000159
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW

REMOVALS
SHEET 3 OF 3




| | | | |
|---|---|---|---|
| I-270 AND RIVERVIEW<br>RAMP 1<br>GORE DETAILS<br>SHEET 1 OF 4 | HORNER SHIFRIN<br>401 S. 18TH ST., STE. 400 ST. LOUIS, MO 63103<br>314-531-4321 - FAX 314-531-6966<br>WWW.HORNERSHIFRIN.COM<br>DISCIPLINE: PROFESSIONAL ENGINEERING<br>CERTIFICATE OF AUTHORITY: 000159<br>EXPIRATION DATE: DECEMBER 31, 2022 | MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION<br>MoDOT<br>105 WEST CAPITOL<br>JEFFERSON CITY, MO 65102<br>1-888-ASK-MODOT (1-888-275-6636) | DATE / DESCRIPTION |

BRIDGE NO.
PROJECT NO.
CONTRACT ID. J613020C
JOB NO.
COUNTY ST. LOUIS CITY/ ST. LOUIS
DISTRICT SL
ROUTE I-270
STATE MO
SHEET NO. 22
DATE PREPARED 3/16/2022
DATE

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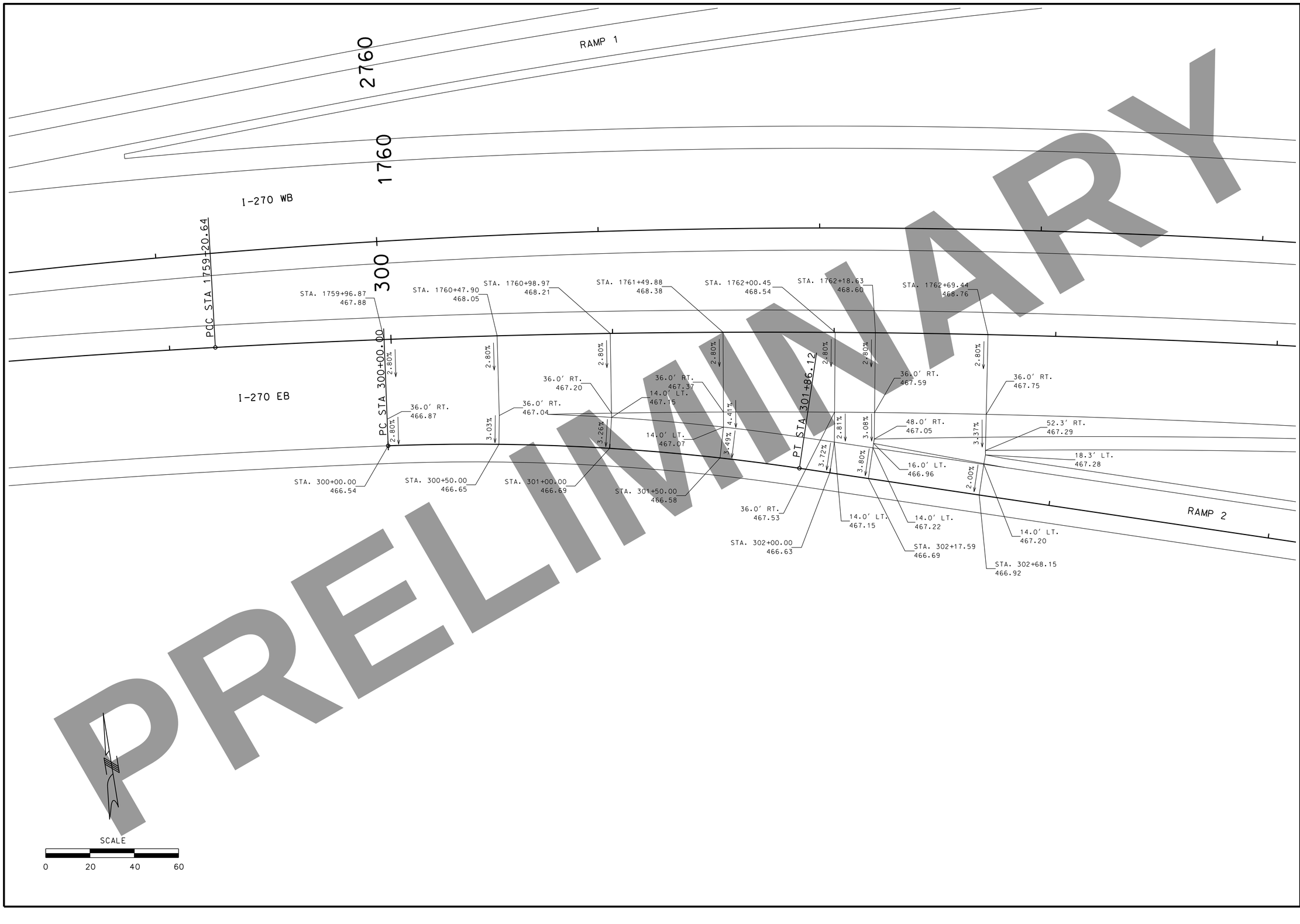


PRELIMINARY

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DATE

DATE PREPARED
3/16/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 23 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HORNER & SHIFRIN
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I-270 AND RIVERVIEW
RAMP 2
GORE DETAILS
SHEET 2 OF 4

PRELIMINARY

SCALE
0 20 40 60

205

PC STA 203+62.65

RAMP 3

STA. 205+24.09
451.63

STA. 205+58.56
451.47

STA. 206+00.00
451.48

STA. 206+50.00
451.67

STA. 207+00.00
452.06

PT STA 207+47.08

2780

1780

14.0' RT.
452.16

52.84 LT.
452.34

14.0' RT.
452.00

14.0' RT.
451.96

14.0' RT.
452.08

207+47.08
452.38

3.80%
3.80%
3.40%
2.93%
2.44%
2.10%
2.09%
2.19%
2.00%
2.00%
2.00%
2.00%
2.00%
2.00%

36.0' LT.
452.68

36.0' LT.
452.34

36.0' LT.
452.13

36.0' LT.
452.14

36.0' LT.
452.38

36.0' LT.
452.62

I-270 WB

STA. 2777+60.46
12.0' LT.
453.16

STA. 2777+95.32
12.0' LT.
452.82

STA. 2778+37.12
12.0' LT.
452.61

STA. 2778+87.44
12.0' LT.
452.62

STA. 2779+38.66
12.0' LT.
452.86

STA. 2779+85.72
12.0' LT.
453.10

PT STA 406+54.31

I-270 EB

PC STA 403+65.18

RAMP 4

405

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DATE

DATE PREPARED
3/16/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |

| DISTRICT | SHEET NO. |
|---|---|
| SL | 24 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
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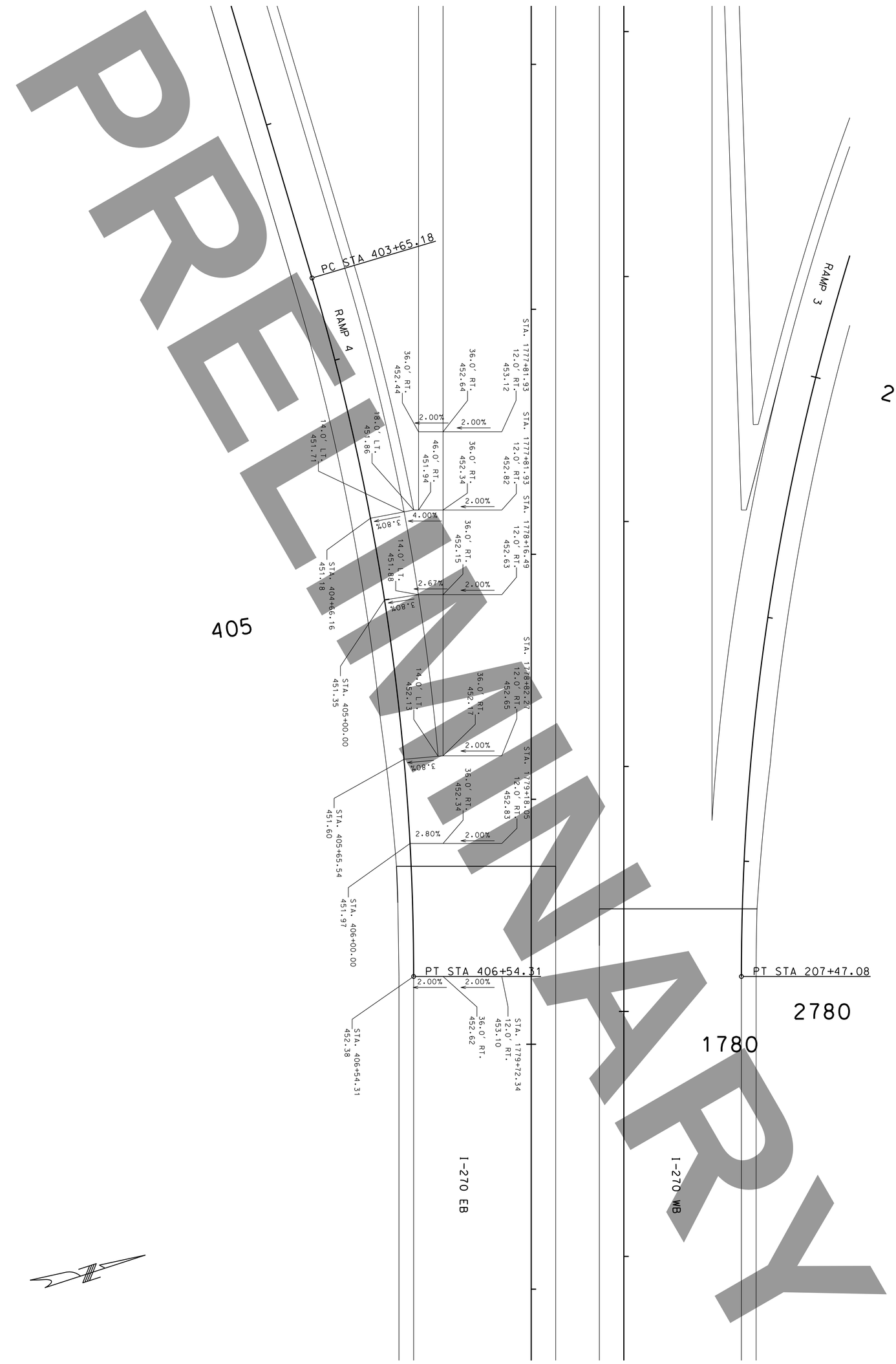
I-270 AND RIVERVIEW

RAMP 3
GORE DETAILS
SHEET 3 OF 4




I-270 AND RIVERVIEW

RAMP 4
GORE DETAILS
SHEET 4 OF 4

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|---|---|
| | |

BRIDGE NO.

PROJECT NO.

CONTRACT ID. J6I3020C

JOB NO.

COUNTY ST. LOUIS CITY/ ST. LOUIS

DISTRICT SL

ROUTE I-270

STATE MO

SHEET NO. 25

DATE PREPARED 3/16/2022

DATE

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PRELIMINARY

SCALE
0 20 40 60

℄ RIVERVIEW DR. SB

℄ RIVERVIEW DR. NB

℄ RAMP 1

POT STA 117+20.62
N 9° 07' 01" E

NB RIVERVIEW
STA.16+46.55
18.26' LT

POT STA 200+00.00

R2'

10' TYP.

R 218'

NB RIVERVIEW
STA.16+42.20
18.28' RT
ELEV. 440.55

6" CONCRETE MEDIAN STRIP

NB RIVERVIEW
STA.15+59.60
27.29' LT

N 9° 07' 01" E

440.18
440.15
440.13
440.12
440.10
440.09
440.08
440.07
440.06
440.05
440.04
440.05
440.10
440.22
440.35
440.50
440.69
440.93
441.22
441.54
441.91
442.15

STA.201+21.48
212.00' LT

Δ = 58° 59' 51" (LT)
T = 113.15'
R = 200.00'
L = 205.94'

RAMP 3
STA.200+49.81
4.00' LT
ELEV. 440.89

10' TYP.

7.17'

440.36
440.59
440.80
441.00
441.17

5.94'

℄ RAMP 3

S 50° 00' 19" E

STA.200+75.51
84.00' RT

Δ = 30° 25' 16" (RT)
T = 19.03'
R = 70.00'
L = 37.17'

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DATE

DATE PREPARED
3/16/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |

| DISTRICT | SHEET NO. |
|---|---|
| SL | 26 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
|---|---|
| | |

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MoDOT

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CERTIFICATE OF AUTHORITY: 000169
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW

INTERSECTION DETAILS

SHEET 1 OF 2

SCALE
0 20 40 60

℄ RAMP 2

PI STA 311+11.28

Δ = 32° 39′ 34″ (LT)
T = 20.51′
R = 70.00′
L = 39.90′

STA.312+14.00
84.00′LT

6″ CONCRETE
MEDIAN STRIP

437.93
437.90
437.88
437.86
437.85

10′ TYP.

9.90′

RAMP 2
STA.311+91.46
10.00′ RT
ELEV. 438.20

R 2′

S 56° 00 28

441.05
440.65
440.26
439.88
439.52
439.18
438.86
438.56
438.27
438.02
437.82
437.64
437.50
437.37
437.29
437.21
437.13
437.07
437.01
436.95
436.89
436.83
436.77
436.71
436.65
436.59
436.55

10′ TYP.

R 326′

R 2′

POT STA 312+76.14

R 5.42′

SB RIVERVIEW
STA.11+30.94
19.53′RT

R 2′

RAMP 2
STA.312+76.14
57.89′ RT
ELEV. 437.93

POT STA 400+00.00

℄ RAMP 4

S 88° 35′ 49″ E

R 29.42′

STA.400+59.14
89.00′LT

Δ = 32° 33′ 46″ (LT)
T = 21.91′
R = 75.00′
L = 42.63′

437.68
437.65
437.63
437.65
437.75

12.63′

10′ TYP.

10′ TYP.

12.97′

436.87
436.86
436.84
436.79
436.66

STA.400+75.56
78.05′RT

Δ = 50° 34′ 47″ (RT)
T = 28.35′
R = 60.00′
L = 52.97′

10′ TYP.

436.88
436.95
437.15
437.41
437.70
438.03
438.43
438.86
439.34
439.81
440.27

Δ = 31° 49′ 52″ (RT)
T = 51.33′
R = 180.00′
L = 100.00′

STA.401+38.85
180.00′RT

STA.310+66.26
318.00′RT

Δ = 48° 06′ 50″ (RT)
T = 136.60′
R = 306.00′
L = 256.96′

℄ RIVERVIEW DR. SB

℄ RIVERVIEW DR. NB

EQUATION:
Sta 9+79.97 BK =
Sta 9+74.20 AH
PI STA 9+79.97

10

10

6.96′

PRELIMINARY

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|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 27 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
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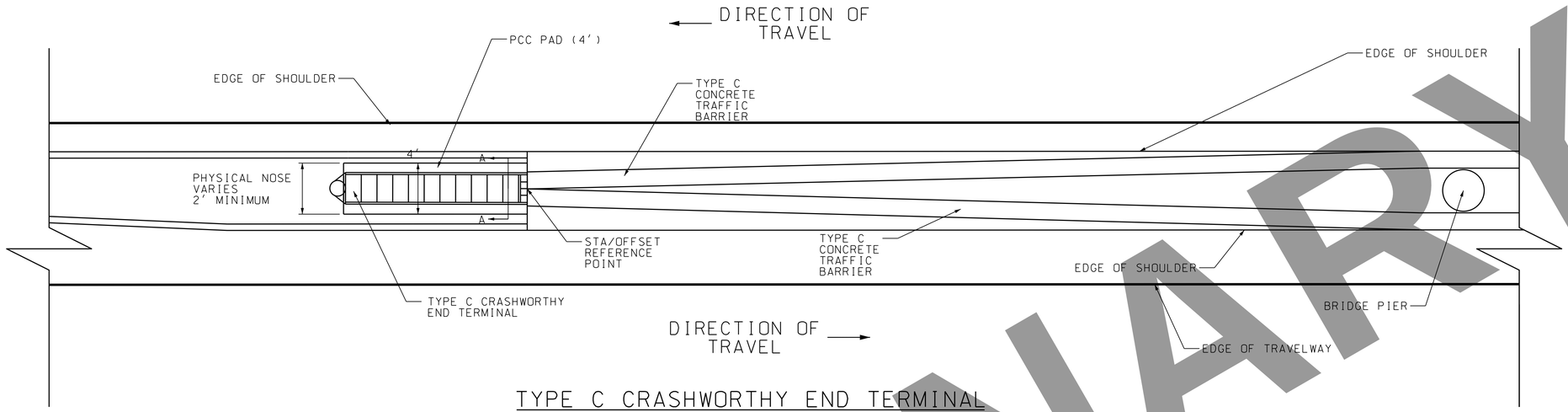
DESIGNED BY: CHRISTOPHER J. HOGAN, ENGINEERING
CERTIFICATE OF AUTHORITY: 000159
EXPIRATION DATE: DECEMBER 31, 2022

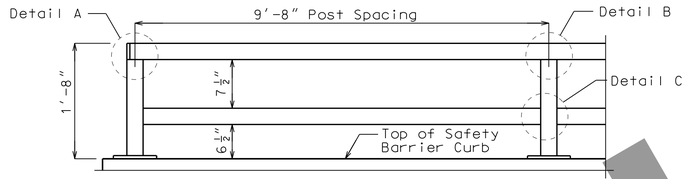
I-270 AND RIVERVIEW

INTERSECTION DETAILS

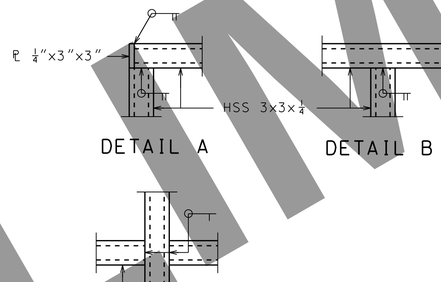
SHEET 2 OF 2

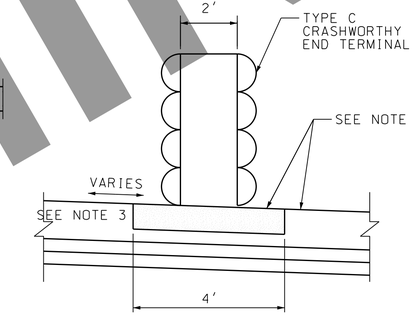



# TYPE C CRASHWORTHY END TERMINAL CONCRETE BARRIER




SAFETY BARRIER CURB RAILING ELEVATION
(Inside Face of Two Element Rail)




## NOTES

IMPACT ATTENUATOR DETAIL

1) IMPACT ATTENUATOR SHALL BE ANCHORED TO A MINIMUM 6" THICK REINFORCED OR 8" THICK NON-REINFORCED 4000 PSI PCC PAD. EXISTING OR PROPOSED PCC PAVEMENTS WHICH MEET OR EXCEED THIS REQUIREMENT ARE ACCEPTABLE.

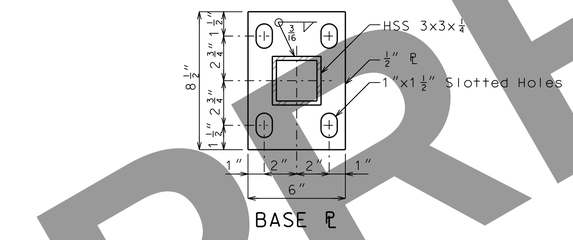
2) REFER TO ROADWAY PLANS FOR STATION/OFFSET REFERENCE POINT FOR EACH IMPACT ATTENUATOR.

3) GRADE APPROACH TO SYSTEM TO BE 8% OR FLATTER. CROSS SLOPE OF PAD SHALL NOT EXCEED 8% AND CROSS SLOPE SHALL NOT VARY MORE THAN 2% FROM FRONT TO BACK.

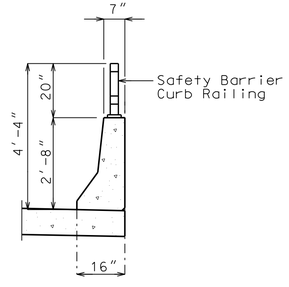
4) IMPACT ATTENUATOR BACKUP TYPE AND TRANSITION PANEL TYPE (IF NECESSARY) PER MANUFACTURER.

BARRIER CURB RAILING DETAIL

1) ALL STEEL RAIL ELEMENTS SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A123 AND VINYL COATED - BLACK.



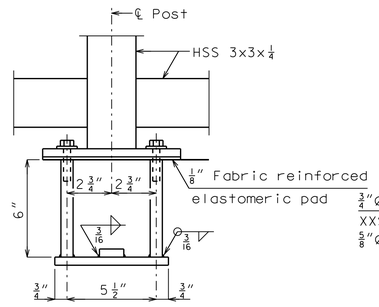

RAIL SPLICE

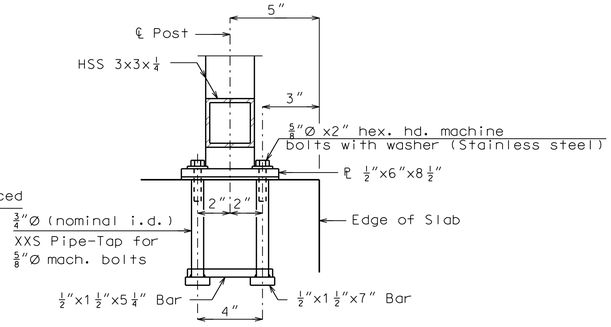



SECTION THRU SLAB

Use St. Louis County Standard Detail C617.00 for Reinforcement.

SECTION A
NTS




ANCHOR BOLT DETAILS

In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting ⅝"Ø resin anchor rods in accordance with Sec 1039. Embedment shall be according to the manufacturer's specifications.

PRELIMINARY

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DATE

DATE PREPARED 3/16/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 28 |

COUNTY: ST. LOUIS CITY/ ST. LOUIS

JOB NO. J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

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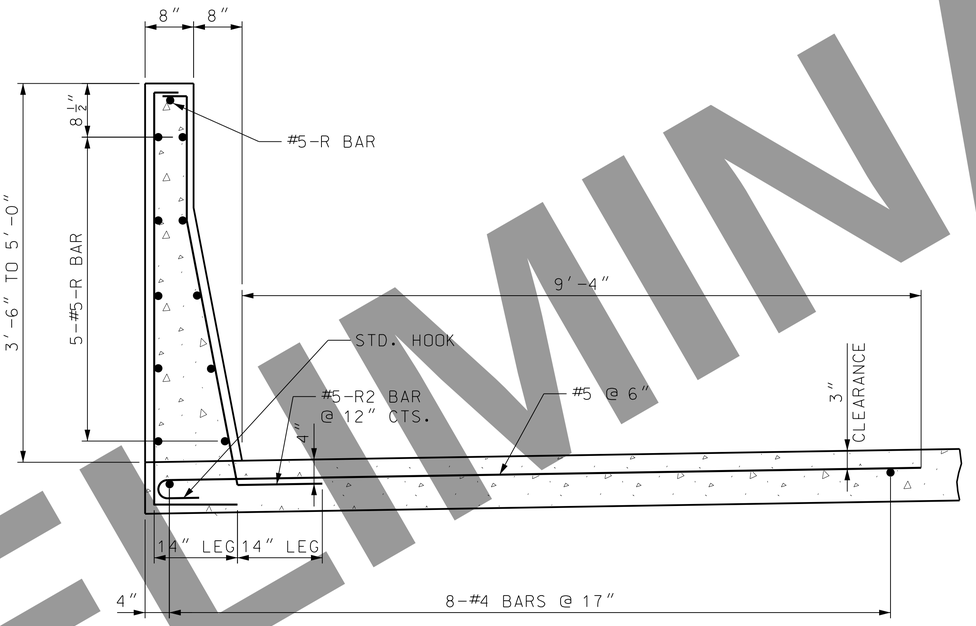
I-270 AND RIVERVIEW

SPECIAL DETAILS
SHEET 1 OF 2




PART SECTION THRU PAVEMENT
TYPE D TRAFFIC BARRIER - MODIFIED
NTS

PRELIMINARY

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DATE

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3/16/2022

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|---|---|
| I-270 | MO |

| DISTRICT | SHEET NO. |
|---|---|
| SL | 29 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
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PROJECT NO.

BRIDGE NO.

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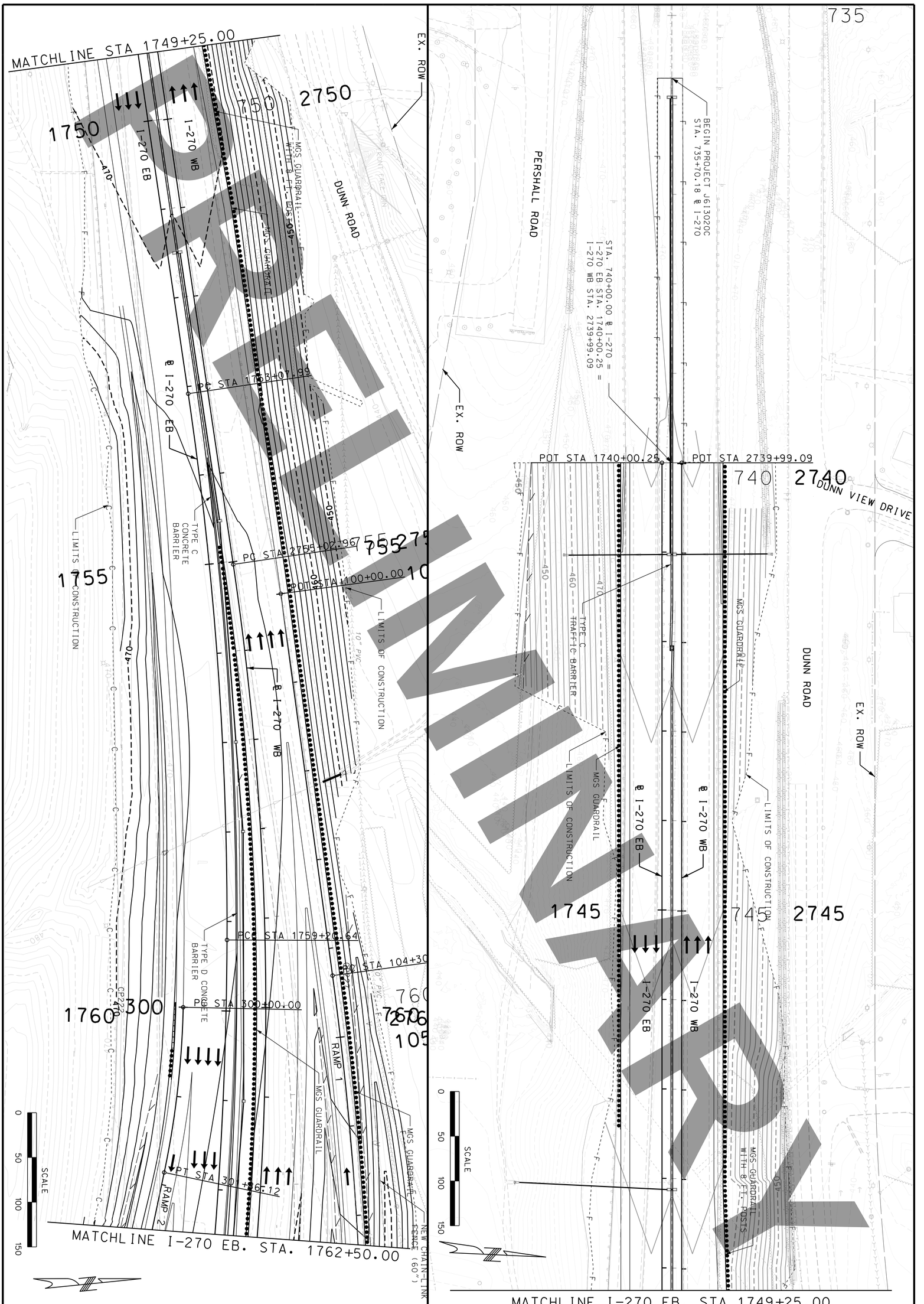
I-270 AND RIVERVIEW

SPECIAL DETAILS
SHEET 2 OF 2




PRELIMINARY

I-270 AND RIVERVIEW

GRADING PLAN
SHEET 1 OF 3

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MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

| DATE | DESCRIPTION |
|---|---|
| | |

BRIDGE NO.

PROJECT NO.

DATE PREPARED: 3/16/2022
ROUTE: I-270
STATE: MO
DISTRICT: SL
SHEET NO.: 30
COUNTY: ST. LOUIS CITY / ST. LOUIS
JOB NO.: J613020C
CONTRACT ID.:

DATE

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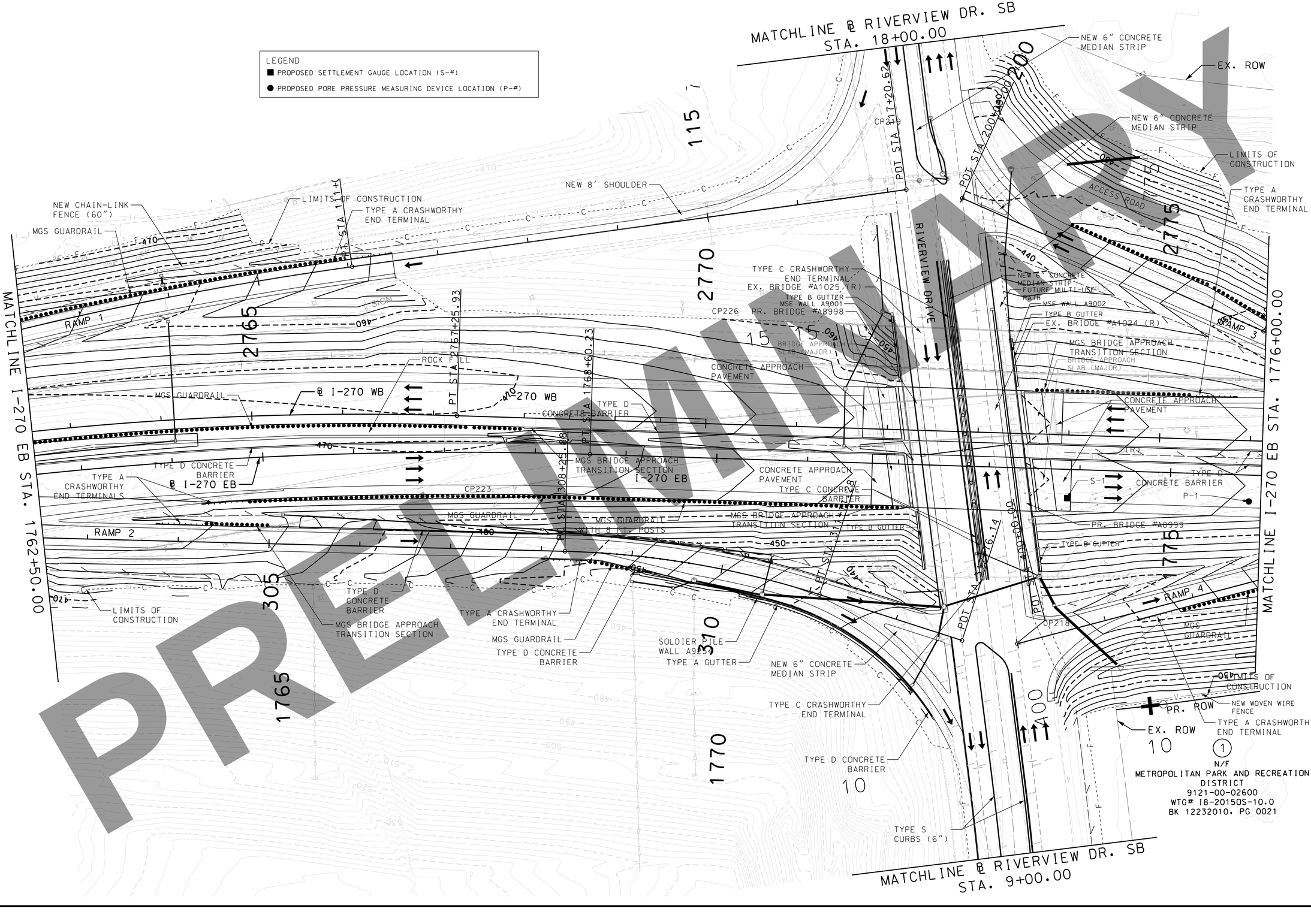


PRELIM

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| ROUTE | STATE |
|---|---|
| I-270 | MO |

| DISTRICT | SHEET NO. |
|---|---|
| SL | 31 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | DESCRIPTION |
|---|---|

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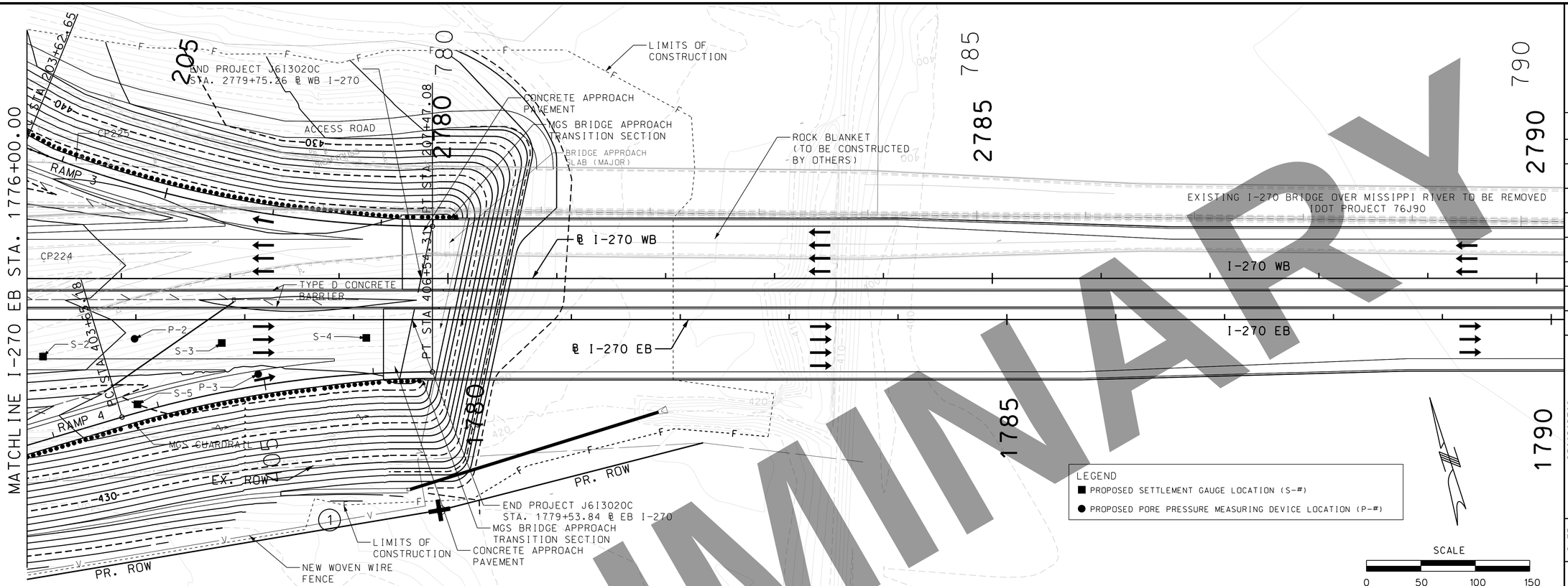
I-270 AND RIVERVIEW

GRADING PLAN
SHEET 2 OF 3

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DATE PREPARED
3/16/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 32 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION

DATE

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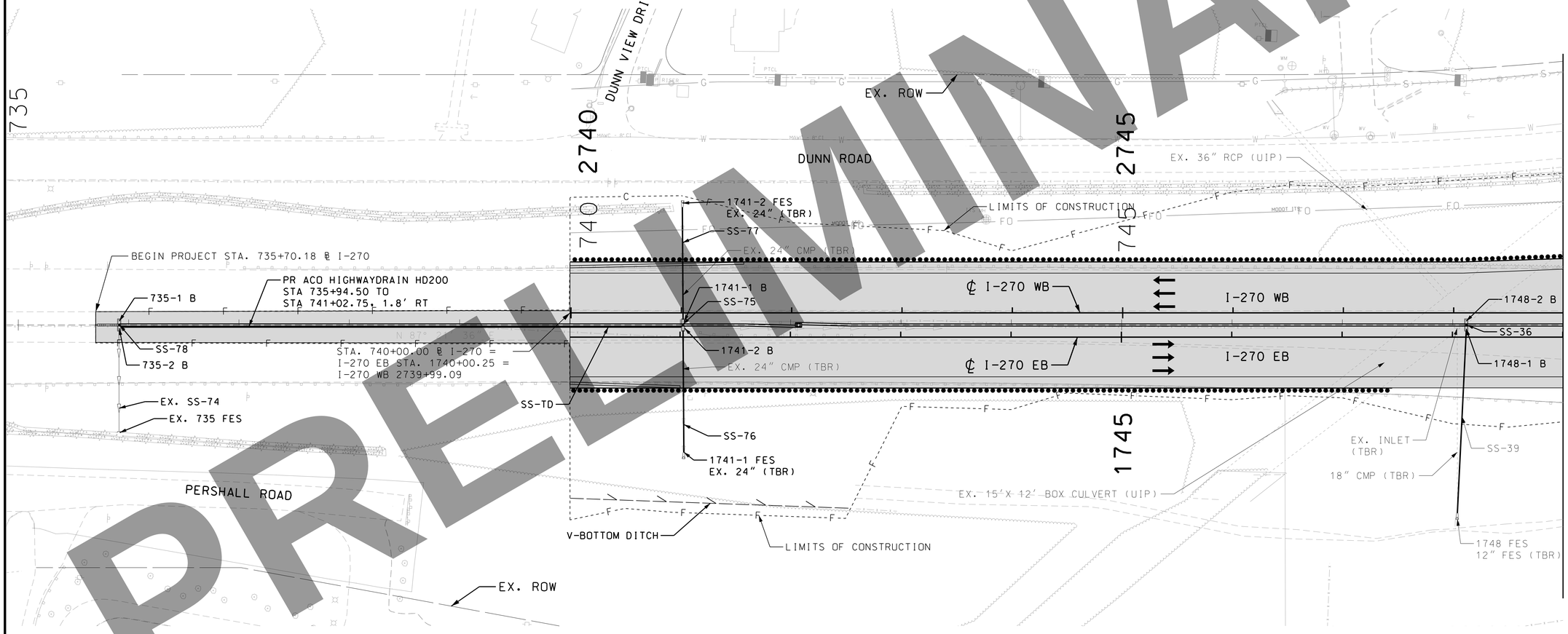
CERTIFICATE OF AUTHORITY: 000159
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW

I-270
GRADING PLAN
SHEET 3 OF 3

STANDARD CONSTRUCTION:
ALL STORM AND SANITARY SEWER STRUCTURES AND APPURTENANCES TO BE DEDICATED TO MSD, OR TO BE PRIVATE UNDER MSD INSPECTION, SHALL CONFORM TO THE METROPOLITAN ST. LOUIS SEWER DISTRICT STANDARD CONSTRUCTION SPECIFICATIONS FOR SEWERS AND DRAINAGE FACILITIES, 2009.
SOME RECENT CHANGES CONCERN PIPE FIELD TESTING AND PERFORMANCE, AND INCLUDE THE FOLLOWING:
PART 2 - MATERIALS OF CONSTRUCTION
HIGH DENSITY POLYETHYLENE (HDPE) PIPE IS NOT ALLOWED FOR GRAVITY SEWERS FOR STORM, COMBINED, OR SANITARY SEWERS THAT ARE "PUBLIC" OR "PRIVATE UNDER MSD INSPECTION".
POLYPROPYLENE (PP) PIPE IS ALLOWED AS FOLLOWS FOR GRAVITY SEWERS THAT ARE "PUBLIC" OR "PRIVATE UNDER MSD INSPECTION":
FOR USE IN SANITARY AND COMBINED SEWERS 12 TO 60 INCHES IN DIAMETER IT SHALL CONFORM TO THE REQUIREMENTS OF ASTM F2764 "STANDARD SPECIFICATION FOR 6 TO 60 IN. POLYPROPYLENE (PP) CORRUGATED DOUBLE AND TRIPLE WALL PIPE AND FITTINGS FOR NON- PRESSURE SANITARY SEWER APPLICATIONS."
FOR USE IN STORM SEWERS 12 TO 24 INCHES IN DIAMETER IT SHALL CONFORM TO THE REQUIREMENTS OF ASTM F2881 "STANDARD SPECIFICATION FOR 12 TO 60 IN. POLYPROPYLENE (PP) DUAL WALL PIPE AND FITTINGS FOR NON-PRESSURE STORM SEWER APPLICATIONS;" OR
FOR USE IN STORM SEWERS 12 TO 60 INCHES IN DIAMETER IT SHALL CONFORM TO THE REQUIREMENTS OF ASTM F2764 "STANDARD SPECIFICATION FOR 6 TO 60 IN. POLYPROPYLENE (PP) CORRUGATED DOUBLE AND TRIPLE WALL PIPE AND FITTINGS FOR NON- PRESSURE SANITARY SEWER APPLICATIONS."
PART 4 - PIPE SEWER CONSTRUCTION
SECTION B, PIPE FIELD TESTS, PARAGRAPH 2, REACH INTEGRITY TESTING - DELETE THE FIRST SENTENCE AND THE FOLLOWING REPLACEMENT APPLIES:
ALL SANITARY AND COMBINED SEWERS SHALL SUSTAIN A MAXIMUM LEAKAGE LIMIT OF 100 GALLONS/INCH OF PIPE DIAMETER/MILE OF LINE/DAY, AS REQUIRED BY THE MISSOURI DEPARTMENT OF NATURAL RESOURCES SPECIFICATIONS.
SECTION B, PIPE FIELD TESTS, PARAGRAPH 2, REACH INTEGRITY TESTING, SUBPARAGRAPH C, INFILTRATION/EXFILTRATION TESTING - DELETE THE SIXTH SENTENCE, CONCERNING LEAKAGE LIMITS, AND THE FOLLOWING REPLACEMENT APPLIES:
THE MEASUREMENT OF LEAKAGE SHALL NOT EXCEED 100 GALLONS/INCH OF PIPE DIAMETER/MILE OF LINE/DAY, AS REQUIRED BY THE MISSOURI DEPARTMENT OF NATURAL RESOURCES SPECIFICATIONS.
SECTION B, PIPE FIELD TESTS, PARAGRAPH 4, MANHOLE TESTING, SUBPARAGRAPH A, VACUUM TESTING - AFTER THE FIRST SENTENCE, THE FOLLOWING ADDITION APPLIES:
THE VACUUM TEST MUST BE PERFORMED PRIOR TO BACKFILLING AROUND THE MANHOLE UNLESS THE CONTRACTOR PROVIDES DOCUMENTATION FROM THE PRECAST MANHOLE MANUFACTURER STATING THAT THE MANHOLE MAY BE VACUUM TESTED AFTER BACKFILLING HAS TAKEN PLACE. THE CONTRACTOR MUST SUBMIT THIS DOCUMENTATION PRIOR TO BACKFILLING AROUND ANY MANHOLE.
SECTION B, PIPE FIELD TESTS, PARAGRAPH 4, MANHOLE TESTING, SUBPARAGRAPH B, EXFILTRATION TESTING - DELETE THE SECOND SENTENCE, CONCERNING LEAKAGE LIMITS, AND THE FOLLOWING ADDITION APPLIES:
FOR EXFILTRATION TESTING, THE ALLOWABLE LEAKAGE LIMIT IS 100 GALLONS/INCH OF PIPE DIAMETER/MILE OF LINE/DAY WHEN THE AVERAGE HEAD ON THE TEST SECTION IS THREE FEET (3') OR LESS.
IF REINFORCED CONCRETE PIPE IS USED FOR SANITARY OR COMBINED SEWERS LARGER THAN 27", ALL PIPE AND JOINTS SHALL CONFORM TO ASTM C 361. IN ADDITION, IF THE DIAMETER IS LARGER THAN 48", THE JOINT TYPE MUST INCLUDE A GASKET THAT IS CONFINED IN A GROOVE IN THE SPIGOT OF THE PIPE.

SCALE
0 50 100 150




LEGEND
A - DROP INLET, 2'X2' TY A
B - DROP INLET, 2'X2' TY B
E - DROP INLET, 3'X2' TY E
FES - FLARED END SECTION
S1 - DROP INLET, 3'x2' TY S1
S2 - DROP INLET, 3'x2' TY S2
MH4 - MANHOLE, 48"
MH5 - MANHOLE, 60"
MH6 - MANHOLE, 72"

MSD PROJECT NO: 21MSD-00548
BASEMAP: 10D1, 10D2

PRELIMINARY

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE

DATE PREPARED
3/16/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 33 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
|---|---|
| | |

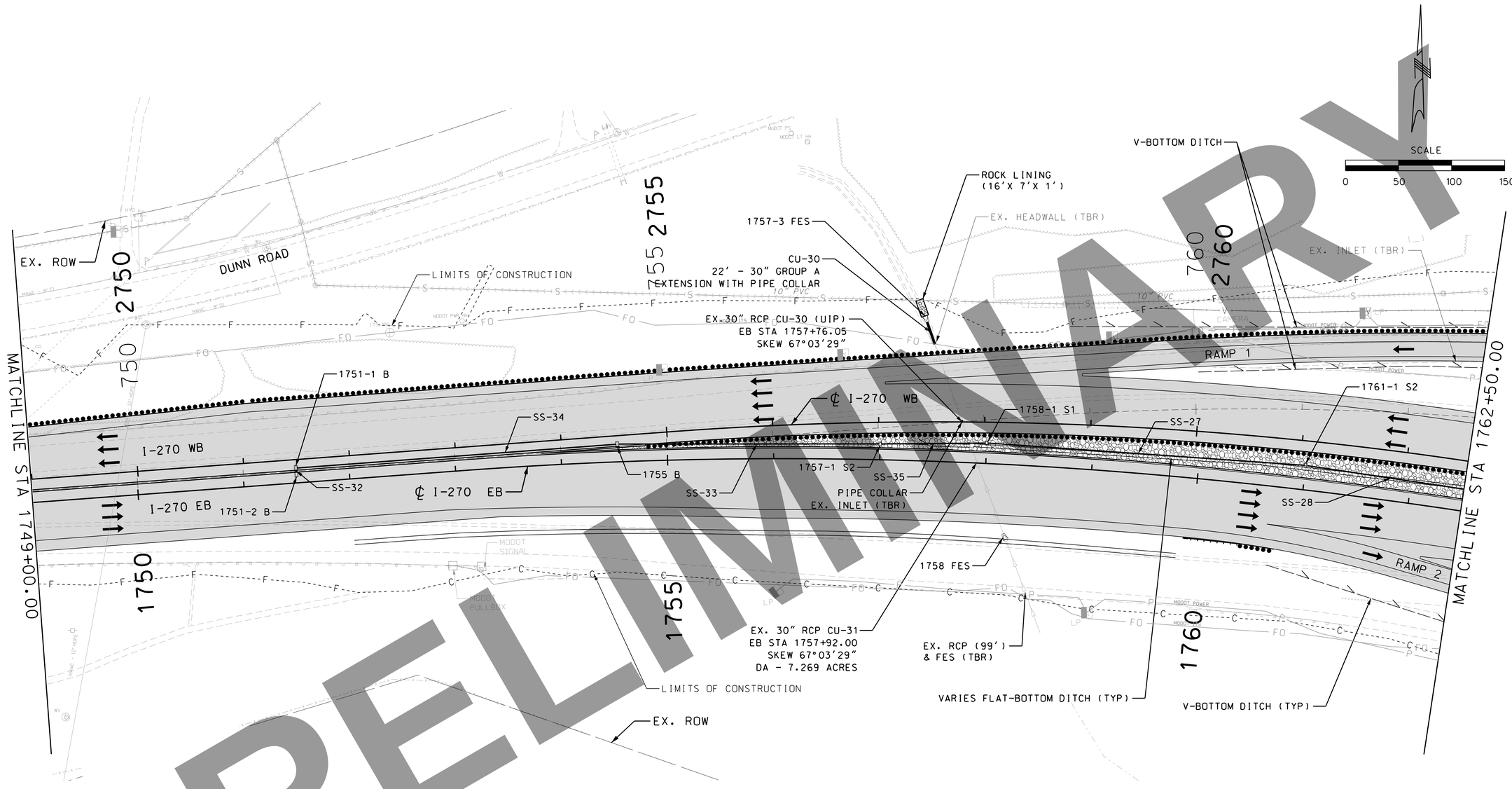
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HORNER SHIFRIN
401 S. 18TH ST., STE. 400 ST. LOUIS, MO 63103
314-631-4321 - FAX 314-631-4966
WWW.HORNERSHIFRIN.COM
DISCIPLINE: CIVIL ENGINEERING
CERTIFICATE OF AUTHORITY: 000169
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW

DRAINAGE PLAN
SHEET 1 OF 5

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.




PRELIMINARY

LEGEND

A - DROP INLET, 2'X2' TY A
B - DROP INLET, 2'X2' TY B
E - DROP INLET, 3'X2' TY E
FES - FLARED END SECTION
S1 - DROP INLET, 3'x2' TY S1
S2 - DROP INLET, 3'x2' TY S2
MH4 - MANHOLE, 48"
MH5 - MANHOLE, 60"
MH6 - MANHOLE, 72"

MSD PROJECT NO: 21MSD-00548
BASEMAP: 10D1, 10D2

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE

DATE PREPARED
3/16/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 34 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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| DATE | DESCRIPTION |
|---|---|

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION


105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



HORNER SHIFRIN
401 S. 18TH ST., STE. 400 ST. LOUIS, MO 63103
314-531-4321 - FAX 314-531-4966
WWW.HORNERSHIFRIN.COM
DISCIPLINE: PROFESSIONAL ENGINEERING
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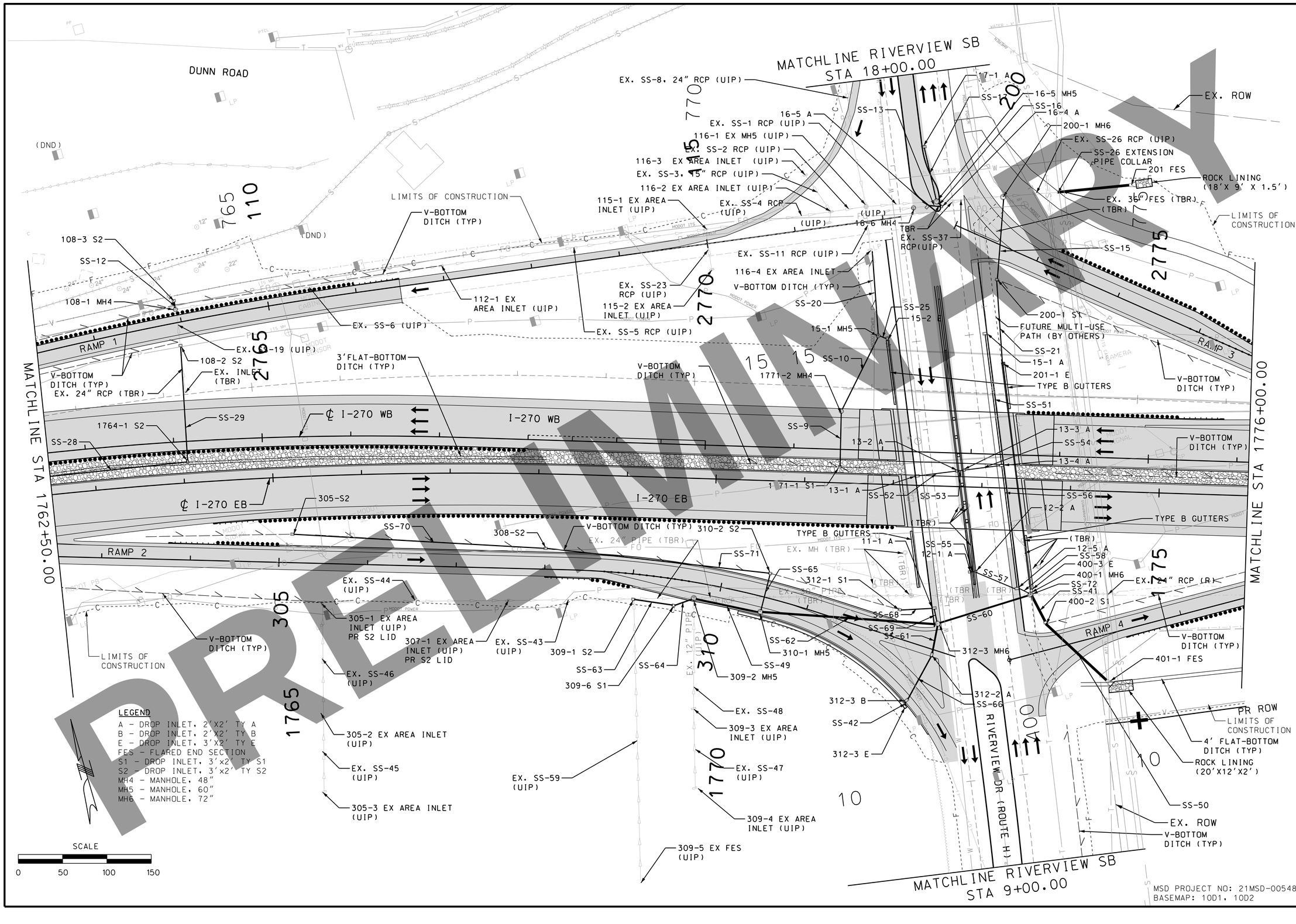
EXPIRATION DATE: DECEMBER 31, 2022


I-270 AND RIVERVIEW

DRAINAGE PLAN
SHEET 2 OF 5




PRELIMINARY

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE

DATE PREPARED
3/16/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 35 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HORNER SHIFRIN
401 S. 18TH ST., STE. 400 ST. LOUIS, MO 63103
314-431-4321 - FAX 314-431-8986
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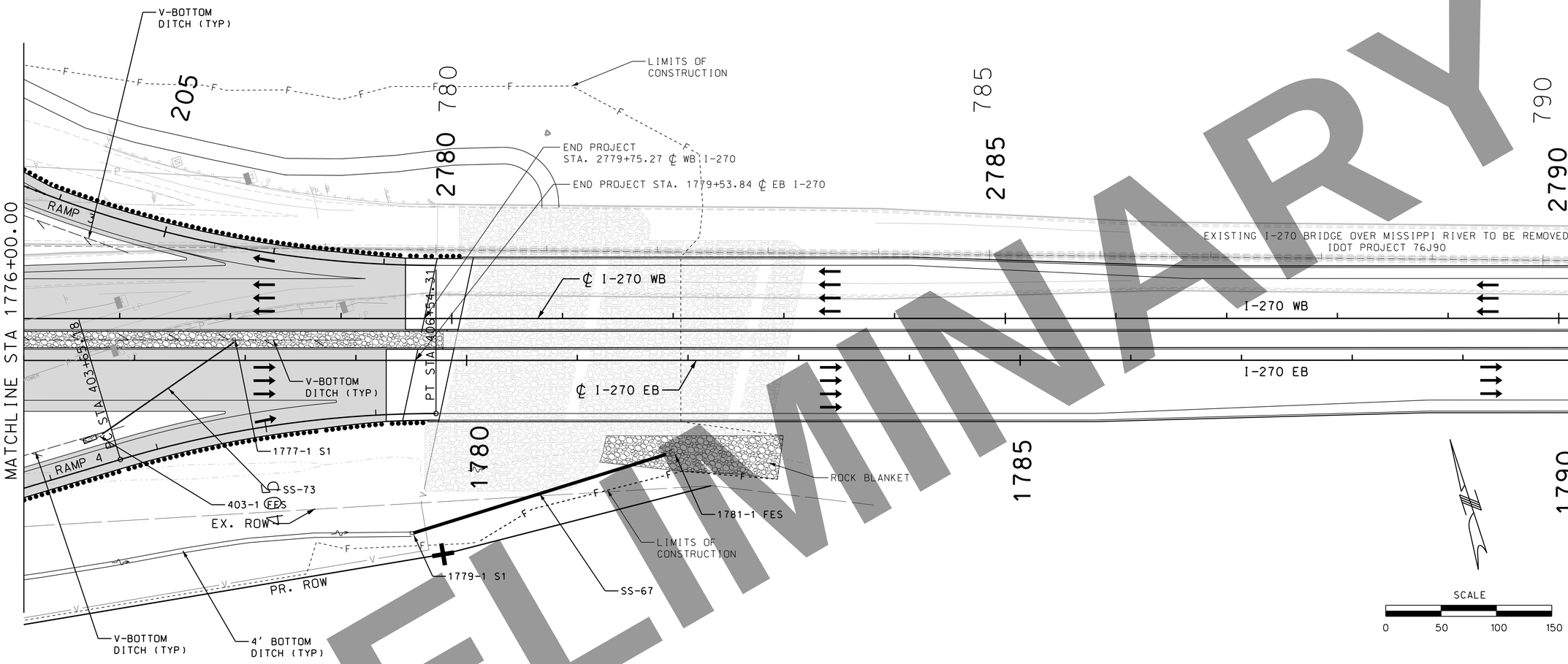
I-270 AND RIVERVIEW

DRAINAGE PLAN
SHEET 3 OF 5

MSD PROJECT NO: 21MSD-00548
BASEMAP: 10D1, 10D2




LEGEND
A - DROP INLET, 2'X2' TY A
B - DROP INLET, 2'X2' TY B
E - DROP INLET, 3'X2' TY E
FES - FLARED END SECTION
S1 - DROP INLET, 3'x2' TY S1
S2 - DROP INLET, 3'x2' TY S2
MH4 - MANHOLE, 48"
MH5 - MANHOLE, 60"
MH6 - MANHOLE, 72"

MSD PROJECT NO: 21MSD-00548
BASEMAP: 10D1, 10D2

PRELIMINARY

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DATE

DATE PREPARED
3/16/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 36 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

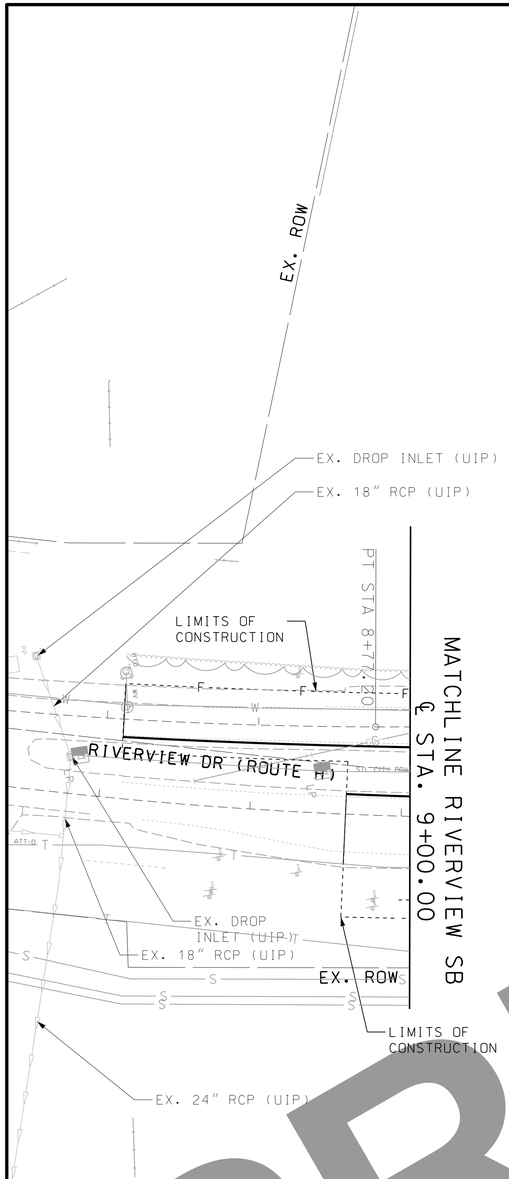
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

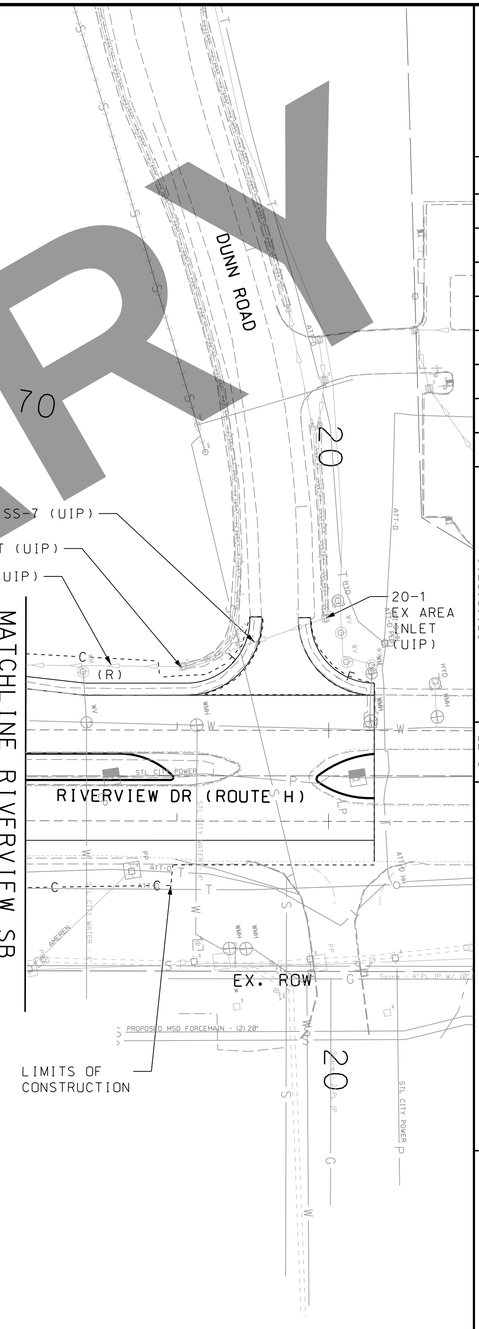
HORNER SHIFRIN
401 S. 18TH ST., STE. 400 ST. LOUIS, MO 63103
314-431-4321 - FAX 314-431-4986
WWW.HORNERSHIFRIN.COM
DISCIPLINE(S): PROFESSIONAL ENGINEERING
CERTIFICATE OF AUTHORITY: 000159
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW

DRAINAGE PLAN
SHEET 4 OF 5

NO PROPOSED DRAINAGE THIS SHEET




LEGEND

A - DROP INLET, 2'X2' TY A
B - DROP INLET, 2'X2' TY B
E - DROP INLET, 3'X2' TY E
FES - FLARED END SECTION
S1 - DROP INLET, 3'x2' TY S1
S2 - DROP INLET, 3'x2' TY S2
MH4 - MANHOLE, 48"
MH5 - MANHOLE, 60"
MH6 - MANHOLE, 72"

SCALE

0 50 100 150

MSD PROJECT NO: 21MSD-00548
BASEMAP: 10D1, 10D2

PRELIMINARY

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DATE

DATE PREPARED
3/16/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 37 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
|---|---|
| | |

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HORNER SHIFRIN
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314-631-4321 - FAX 314-631-6966
WWW.HORNERSHIFRIN.COM
DISCIPLINE: PROFESSIONAL ENGINEERING
CERTIFICATE OF AUTHORITY: 000169
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW

DRAINAGE PLAN
SHEET 5 OF 5

NOTES:

ALL DEVICES SHALL COMPLY WITH EPG 616.10.

FOR ADVANCED WARNING RAIL SYSTEM, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCED WARNING RAIL SYSTEM ON SIGNS.

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

CONCRETE BARRIER MAY BE INSTALLED AT AN 8:1 FLARE RATE FROM THE SHOULDER POINT TO THE LIMITS OF THE CLEAR ZONE WHERE THE SIDE SLOPE IS 6:1 OR FLATTER.

SEE EPG 616.8 TYPICAL APPLICATIONS (MUTCD 6H) FOR ANY UPDATES.

FINAL SIGN AND DEVICE LOCATIONS WILL BE FIELD VERIFIED AND MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.

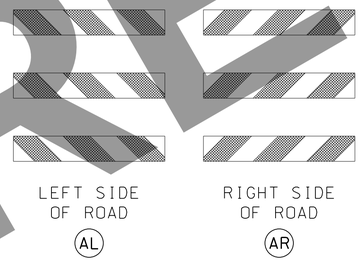
| TAPER LENGTHS AND SPACING OF CHANNELIZING DEVICES | | | | | | |
|---|---|---|---|---|---|---|
| SPEED (P) MPH | MINIMUM TAPER LENGTHS (L) FOR LANE WIDTHS (W) | | | MINIMUM SHOULDER TAPER LENGTH BASED ON 10' SHOULDER (T1) | MAXIMUM CHANNELIZER SPACING | |
| | 10 FT | 11 FT | 12 FT | | TAPERS | BUFFER/ WORK AREA |
| 0-35 | 205 FT | 225 FT | 245 FT | 70 | 35 FT | 40 FT |
| 40-45 | 450 FT | 495 FT | 540 FT | 150 | 40 FT | 80 FT |
| 50-55 | 550 FT | 605 FT | 660 FT | 185 | 50 FT | 80 FT |
| 60-70 | 700 FT | 770 FT | 840 FT | 235 | 60 FT | 120 FT |

| SIGN SPACING FOR ADVANCE SIGN SERIES (1) (2) | | |
|---|---|---|
| SPEED (P) MPH | NON-DIVIDED HIGHWAYS (S) | DIVIDED HIGHWAYS (S) |
| 0-35 | 200 FT | 200 FT |
| 40-45 | 350 FT | 500 FT |
| 50-55 | 500 FT | 1000 FT |
| 60-70 | SA-1000 FT, SB-1500 FT, SC-2640 FT ** | |

(1) SPACING BETWEEN SIGNS AND SPACING BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER, OR SIGNED CONDITION

(2) SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS

ADVANCED WARNING RAIL SYSTEM




| LONGITUDINAL BUFFER SPACE | |
|---|---|
| SPEED (P) MPH | BUFFER SPACE (FEET) |
| 0-35 | 280 |
| 40-45 | 400 |
| 50-55 | 560 |
| 60-70 | 840 |

TAPER LENGTH (L)

L = W X P FOR 40 MPH OR MORE

$L = \frac{WP^2}{60}$ FOR 35 MPH OR LESS

L = TAPER LENGTH IN FEET

W = LATERAL SHIFT IN FEET

P = POSTED SPEED PRIOR TO ROAD WORK IN MPH

# MAINTENANCE OF TRAFFIC PROJECT STANDARDS

NOT TO SCALE

PRELIMINARY

DATE

DATE PREPARED 3/17/2022

ROUTE I-270 | STATE MO

DISTRICT SL | SHEET NO. 38

COUNTY ST. LOUIS CITY/ ST. LOUIS

JOB NO. J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
|---|---|
| | |

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS

520 MARYSVILLE CENTRE DRIVE
SUITE 400 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW DRIVE TRAFFIC CONTROL SSTANDARD SIGNING

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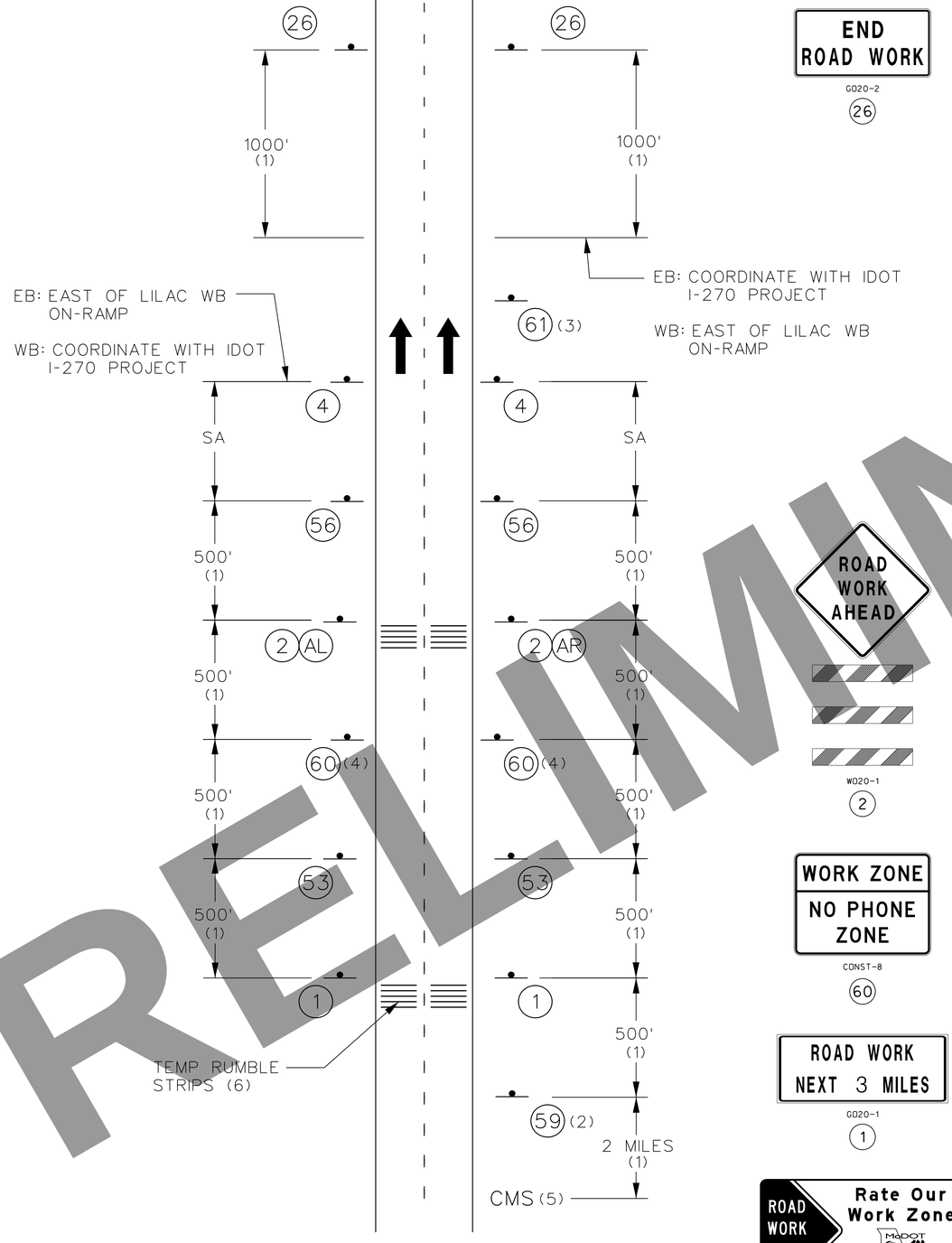



MULTI-LANE DIVIDED
BEGIN/END OF PROJECT SIGNING




G020-2
26



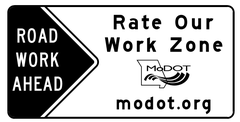

W020-1
2




CONST-8
60




G020-1
1




CONST-7-72
59

W03-5
56

R2-1
4

CONST-3A
53

CONST-5-96
61

NOTES:

SIGN 1 IS REQUIRED PER EPG 616.6.56.

SIGN 26 IS USED ON ALL PROJECTS WHERE SIGN 1 IS USED.

OTHER SIGNS SUCH AS DETOUR OR ALTERNATE ROUTE SIGNING MAY BE USED OUTSIDE THE PROJECT LIMITS.

UNLESS NOTED ON PLANS, ANY EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.

SIGNS 4 AND 56 TO BE COVERED WHEN CONDITIONS REQUIRING THE REDUCED SPEED NO LONGER EXIST.
(1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.

(2) SIGN CONST-7-72 OR CONST-7-48 IS PLACED 500 FEET BEFORE THE BEGINNING OF PROJECT LIMITS OR THE ROAD WORK AHEAD SIGN OR ROAD WORK NEXT XX MILES SIGN, IF USED, WHEN THESE SIGNS ARE LOCATED OUTSIDE THE PROJECT LIMITS.

(3) SIGN CONST-5-96 IS PLACED IN A VISIBLE AREA WITHIN THE PROJECT LIMITS PROVIDED ITS PLACEMENT DOES NOT DISRUPT A SEQUENCE OF SIGNS. IF A VISIBLE LOCATION WITHIN THE PROJECT IS NOT AVAILABLE, THE SIGN MAY BE PLACED 500 FEET BEFORE SIGN CONST-7-72 OR CONST-7-48.

(4) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.

(5) CHANGEABLE MESSAGE SIGN SHALL BE CONNECTED TO SMART WORK ZONE TECHNOLOGY PER EPG 616.13.6.3.

(6) TEMPORARY RUMBLE STRIPS PER EPG SECTION 616.6.87. STRIPS ARE LONG-TERM WITH FIVE (5) STRIPS SPACED 10 - 12 FT. ON CENTER. FIRST SET IS PLACED 200' IN FRONT OF SIGN 2. SECOND SET IS PLACED 1500' IN FRONT OF SIGN 2.

MAINTENANCE OF TRAFFIC
BEGIN/END OF PROJECT SIGNING
TA-50

NOT TO SCALE

PRELIMINARY

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |

| DISTRICT | SHEET NO. |
|---|---|
| SL | 39 |

COUNTY
ST. LOUIS CITY/
ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS

501 MARYSVILLE CENTRE DRIVE
SUITE 400 ST. LOUIS, MO 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND
RIVERVIEW DRIVE
TRAFFIC CONTROL
SSTANDARD
SIGNING

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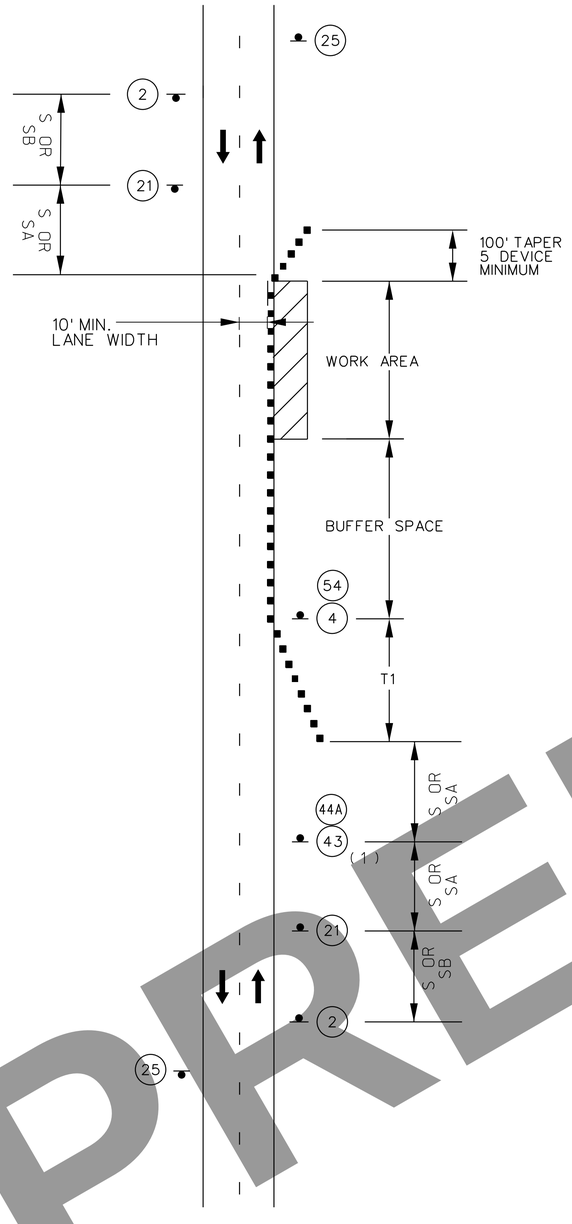
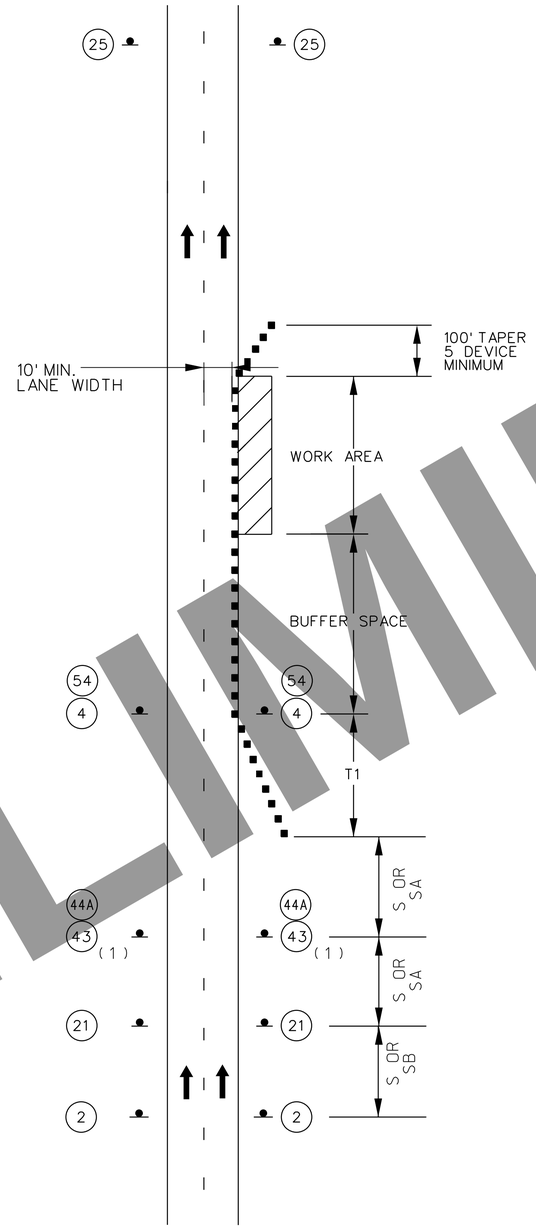
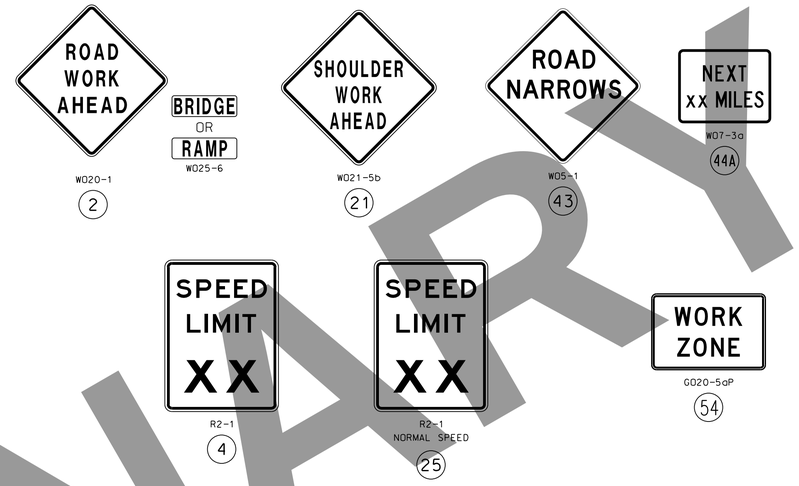



TWO LANE UNDIVIDED
SHOULDER WORK
MINOR TRAVELWAY ENCROACHMENT




MULTI-LANE DIVIDED
SHOULDER WORK
MINOR TRAVELWAY ENCROACHMENT




NOTES:

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

REFER TO XXXXX FOR SIGN SPACING, DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.

SIGN 2 NOT REQUIRED IF SHOULDER WORK IS LOCATED WITHIN THE LIMITS OF AN ACTIVITY AREA WHERE ANOTHER SIGN 2 IS ALREADY USED.

THE PROTECTIVE VEHICLE MAY BE OMITTED IF A TAPER AND CHANNELIZING DEVICES ARE USED.

VEHICLE- MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGEND ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.

VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S HIGH -INTENSITY ROTATING FLASHING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

SHADOW AND WORK VEHICLES SHALL DISPLAY HIGH-DENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

(1). SIGN 44A NOT REQUIRED FOR NARROW LANE SECTIONS LESS THAN ONE MILE.

# MAINTENANCE OF TRAFFIC
# SHOULDER WORK
# TA-06

NOT TO SCALE

PRELIMINARY

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 40 |

COUNTY
ST. LOUIS CITY/
ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | DESCRIPTION |
|---|---|

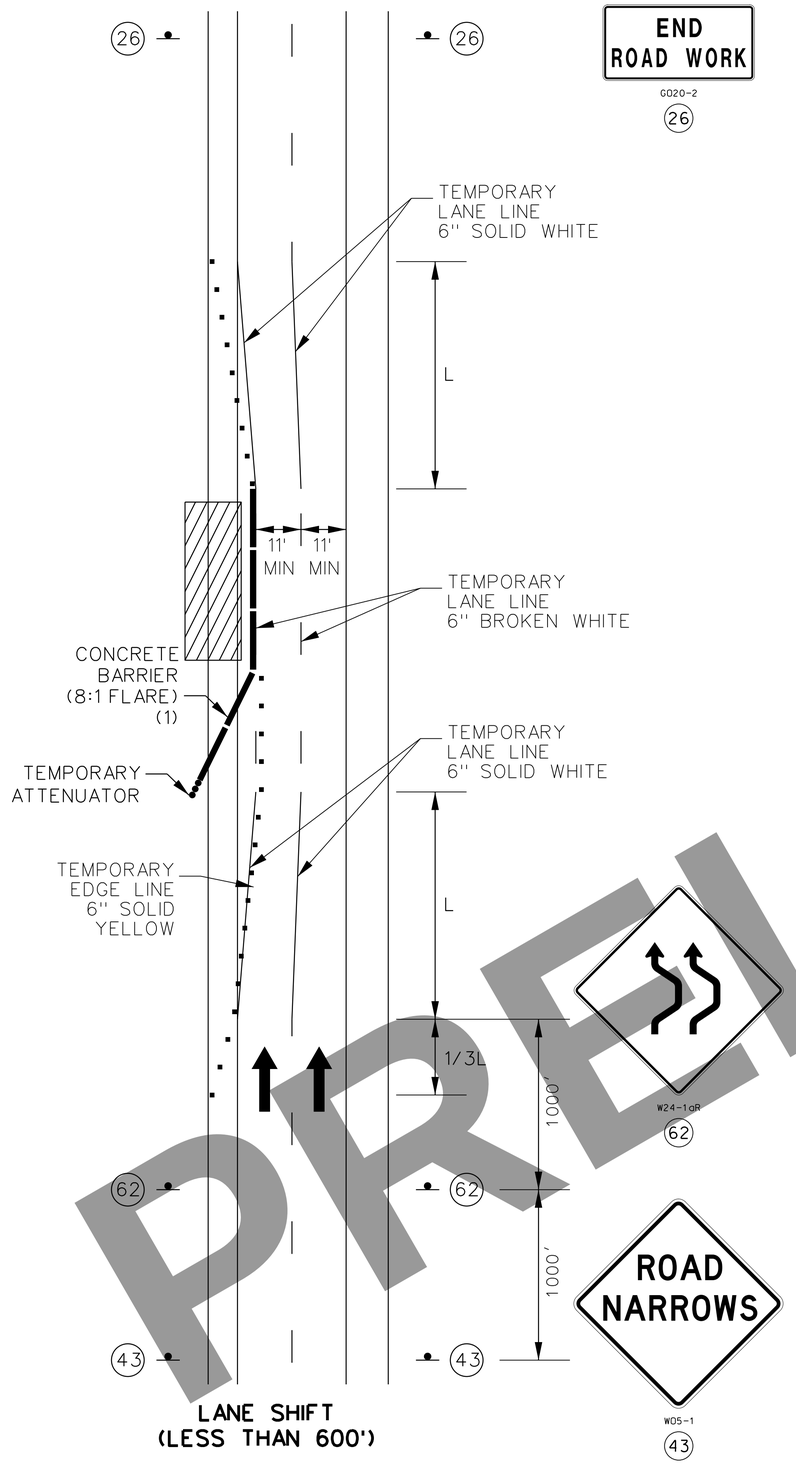
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

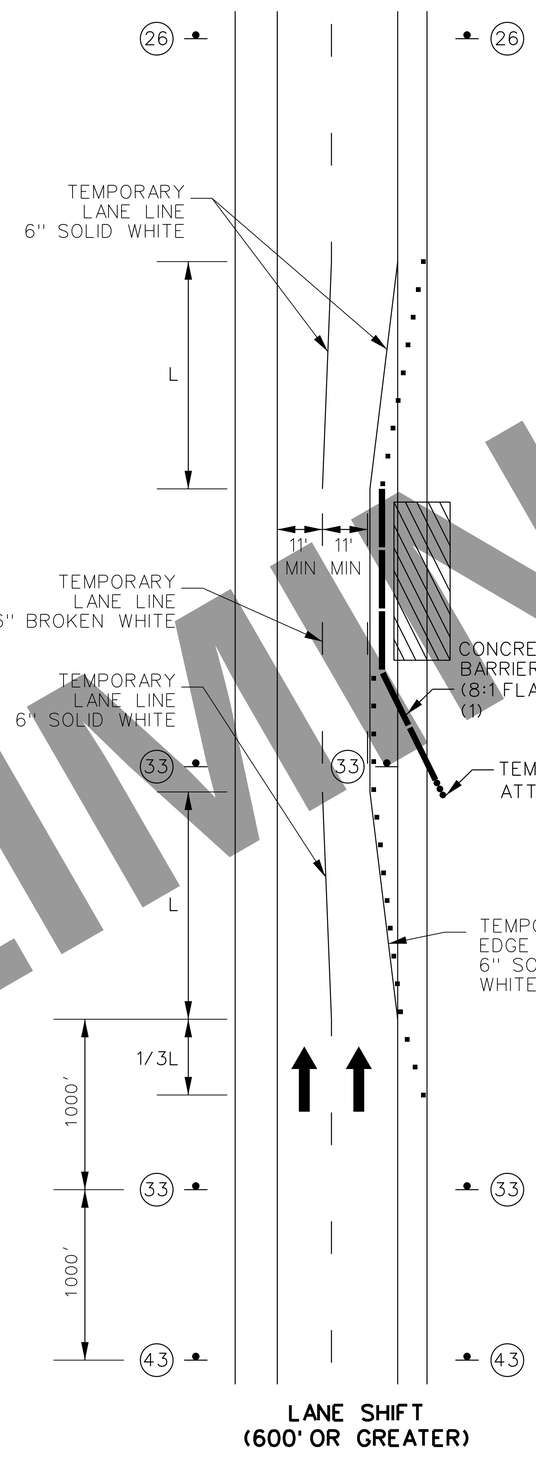
PARSONS
501 MARYVILLE CENTRE DRIVE
SUITE 501 CHESTERFIELD, MO 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

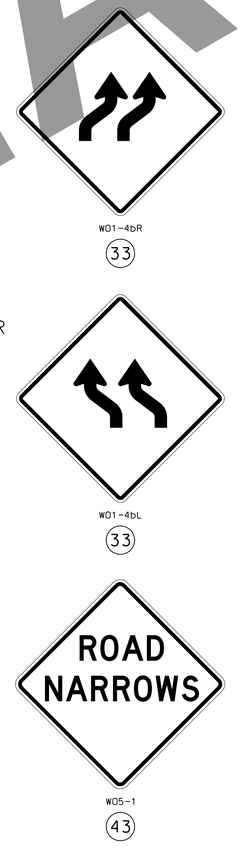
I-270 AND
RIVERVIEW DRIVE
TRAFFIC CONTROL
SSTANDARD
SIGNING

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

...\XXX_TC_038_J6I3020B_I10_MOT.dgn




NOTES:

EXISTING STRIPING IN CONFLICT WITH TEMPORARY STRIPING SHALL BE REMOVED.

THE NUMBER OF LANES ILLUSTRATED ON THE REVERSE CURVE SIGNS SHALL BE THE SAME AS THE NUMBER OF THROUGH LANES AVAILABLE TO ROAD USERS, AND THE DIRECTION OF THE REVERSE CURVES SHALL BE APPROPRIATELY ILLUSTRATED.

WHERE TWO OR MORE LANES ARE BEING SHIFTED, A W1-4 (OR W1-3) SIGN WITH AN ALL LANES (W24-1cP) PLAQUE MAY BE USED INSTEAD OF A SIGN THAT ILLUSTRATES THE NUMBER OF LANES.

SEE EPG 616.12 FOR WORK ZONE SPEED LIMIT GUIDELINES.

REFER TO xxxxx FOR SIGN SPACING, DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.

IF RUMBLE STRIPS ARE USED, REVIEW EPG 616.6.87 TEMPORARY RUMBLE STRIPS.

REVIEW EPG 616.6.63 CHANNELIZING DEVICES FOR DIFFERENT TYPES AND GUIDELINES FOR THE DEVICE.

CHANNELIZERS

# MAINTENANCE OF TRAFFIC LANE SHIFT

NOT TO SCALE

PRELIMINARY

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 41 |

COUNTY
ST. LOUIS CITY/
ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
|---|---|

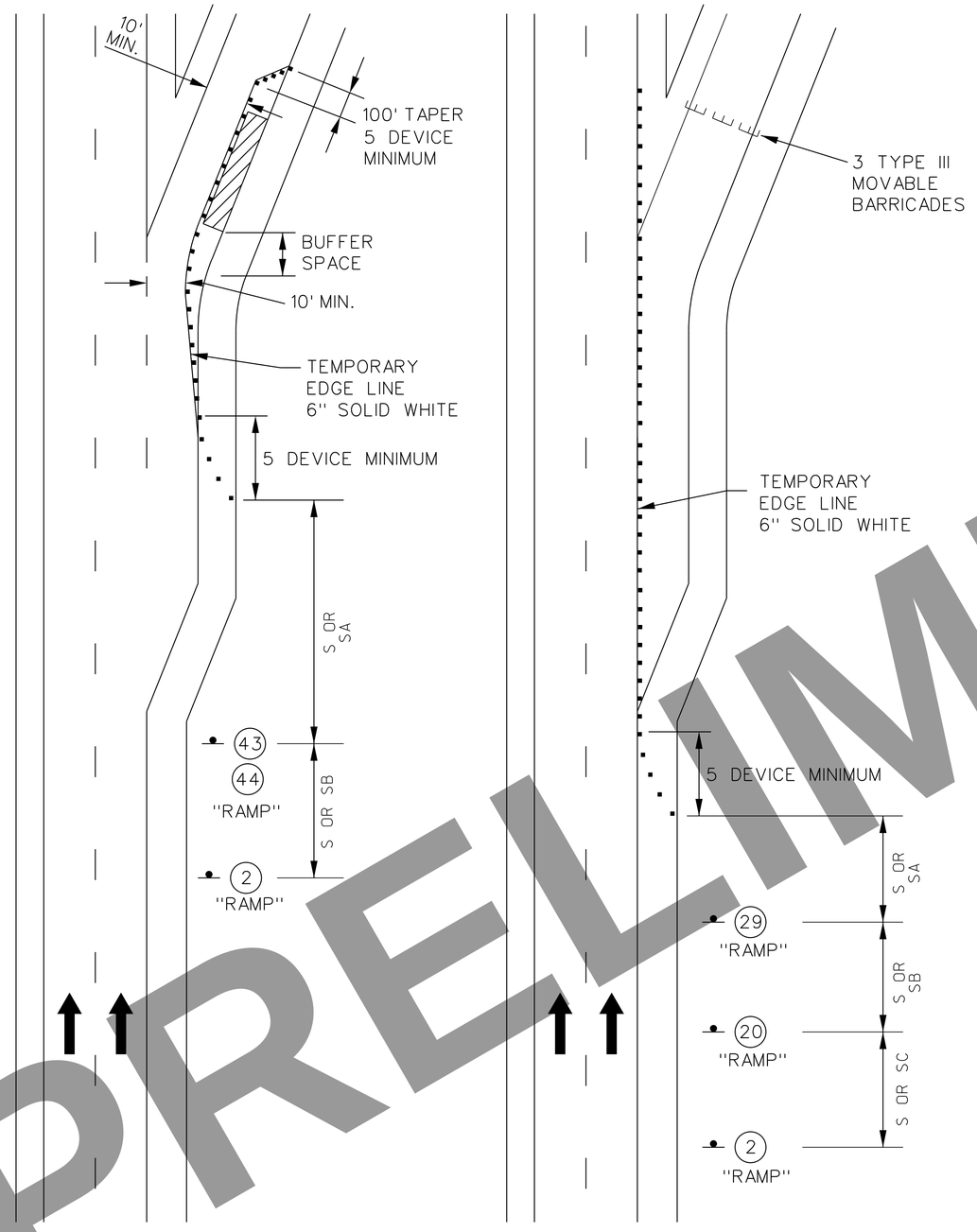
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS
920 MARYSVILLE CENTRE DRIVE
SUITE 400 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND
RIVERVIEW DRIVE
TRAFFIC CONTROL
SSTANDARD
SIGNING

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

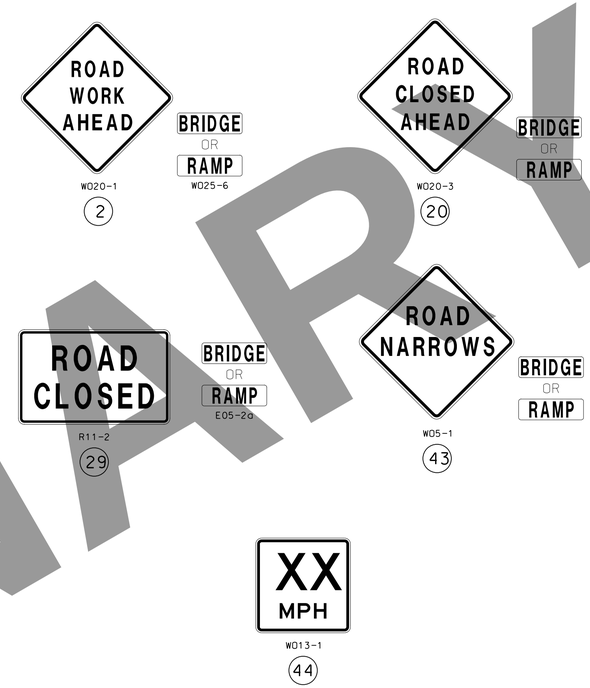
...\XXX_TC_039_J6I3020B_I10_MOT.dgn




PARTIAL LANE

ENTIRE RAMP

LANE CLOSURE
PARTIAL AND TOTAL RAMP CLOSURE




NOTES:

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

REFER TO xxxxx FOR SIGN SPACING, DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.

TEMPORARY PAVEMENT MARKING OPTIONAL FOR SHORT TERM OPERATIONS.

IF RUMBLE STRIPS ARE USED, REVIEW EPG 616.6.87 TEMPORARY RUMBLE STRIPS.

REVIEW EPG 616.6.63 CHANNELIZING DEVICES FOR DIFFERENT TYPES AND GUIDELINES FOR THE DEVICE.

# MAINTENANCE OF TRAFFIC EXIT RAMP CLOSURE

NOT TO SCALE

PRELIMINARY

DATE

DATE PREPARED 3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 42 |

COUNTY: ST. LOUIS CITY/ ST. LOUIS

JOB NO. J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | DESCRIPTION |
|---|---|

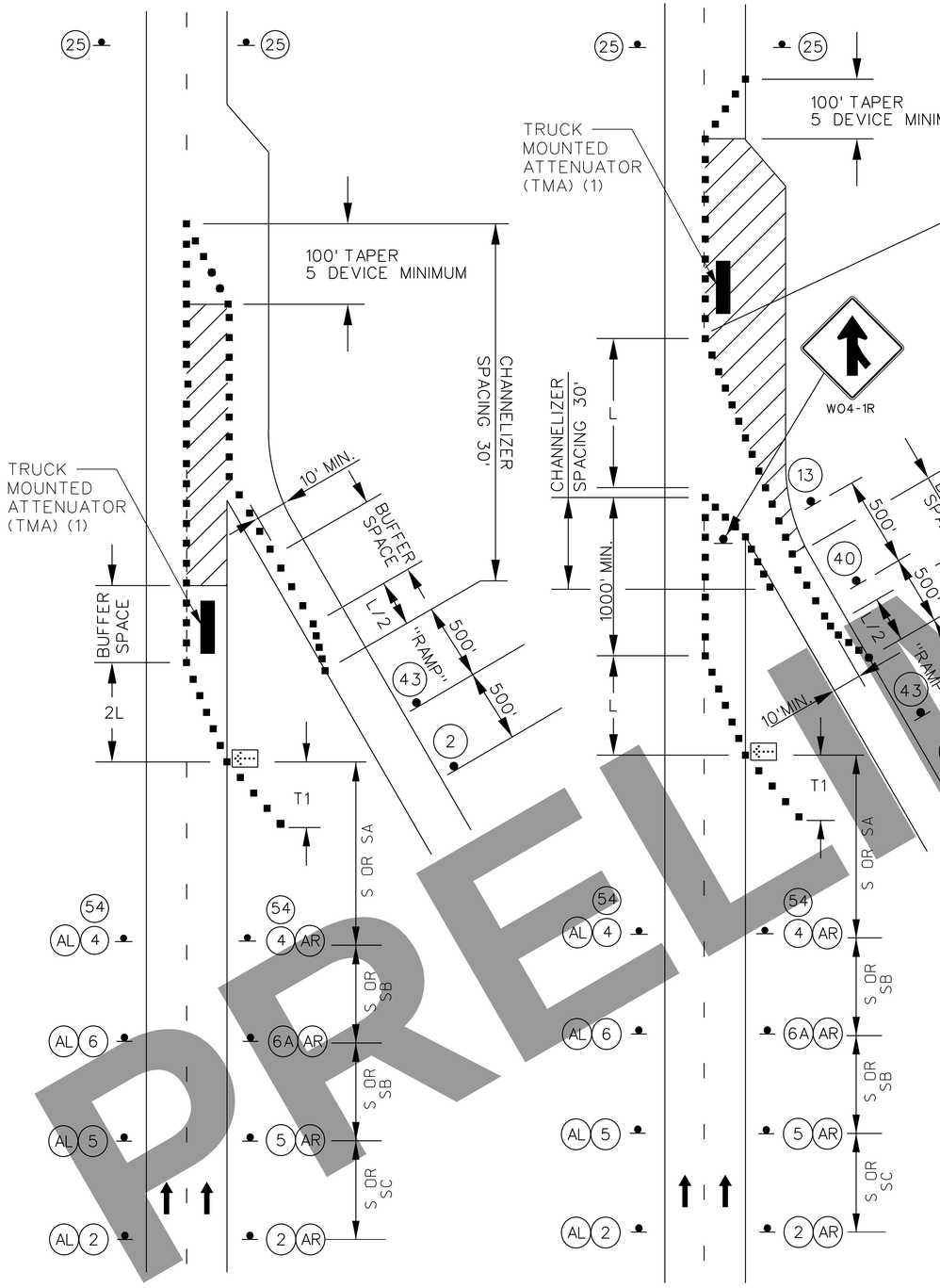
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS
920 MAINSTREET, SUITE 1000
KANSAS CITY, MISSOURI 64105
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

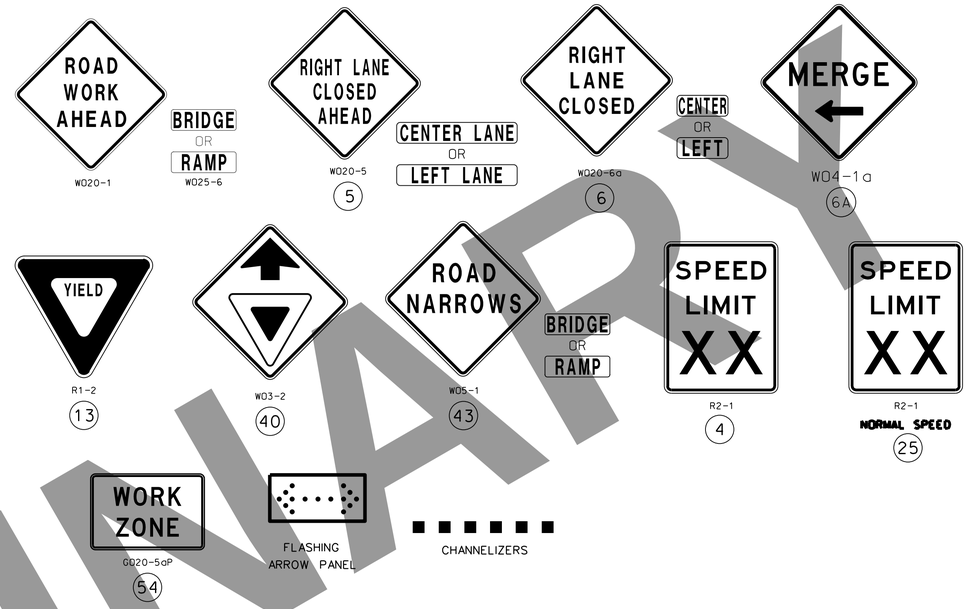
I-270 AND RIVERVIEW DRIVE
TRAFFIC CONTROL
STANDARD
SIGNING

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

...\XXX_TC_040_J6I3020B_I10_MOT.dgn




LANE CLOSURE
ENTRANCE RAMP AREAS




NOTES:

SEE xxxxx FOR WORK ZONE SPEED LIMIT GUIDELINES.

SEE xxxxx FOR SIGN SPACING, DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.

SIGN 2 NOT REQUIRED IF SHOULDER WORK IS LOCATED WITHIN THE LIMITS OF AN ACTIVITY AREA WHERE ANOTHER SIGN 2 IS ALREADY USED.

REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

IF RUMBLE STRIPS ARE USED, REVIEW EPG 616.6.87 RUMBLE STRIPS.

FOR NIGHT TIME OPERATIONS, REVIEW EPG 616.6.83 WARNING LIGHTS FOR USE OF SEQUENTIAL LIGHTS.

REVIEW EPG 616.6.63 CHANNELIZING DEVICES FOR DIFFERENT TYPES AND AND GUIDELINES FOR THE DEVICE.

RAMP NARROWS SIGN IS REQUIRED WHEN RAMP WIDTH IS REDUCED.

YIELD SIGN SHOULD BE PLACED ON THE RAMP TO PROVIDE ADEQUATE VISIBILITY OF MAINLINE TRAFFIC. WHERE INADEQUATE ACCELERATION DISTANCE EXISTS FOR THE TEMPORARY ENTRANCE, THE YIELD SIGN SHALL BE REPLACED WITH STOP SIGNS (ONE EACH SIDE OF THE APPROACH).

THE LOCATION OF THE SIGN SEQUENCE AND MERGE TAPER SHOULD BE ADJUSTED SO THAT THE ARROW PANEL LOCATION IS NOT CONFUSING TO MOTORISTS ON THE RAMP.

THE YIELD SIGN SHOULD BE PLACED ON THE RAMP TO PROVIDE ADEQUATE VISIBILITY OF MAINLINE TRAFFIC.

FOR WORK ZONES WHERE DEVICES ARE IN PLACE OVER NIGHT, USE TRIM-LINE CHANNELIZERS.

(1). PROTECTIVE VEHICLE SHALL CONSIST OF TMA WITH WITH FLASHING ARROW PANEL. POSITION TMA AT LEAST 150' IN ADVANCE OF WORK SPACE. TMA LOCATION TO BE MODIFIED PER LOCATION OF CONSTRUCTION ACTIVITIES, IF REQUIRED.

# MAINTENANCE OF TRAFFIC
# WORK IN VICINITY OF ENTRANCE RAMP

PRELIMINARY

DATE

DESCRIPTION

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 43 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

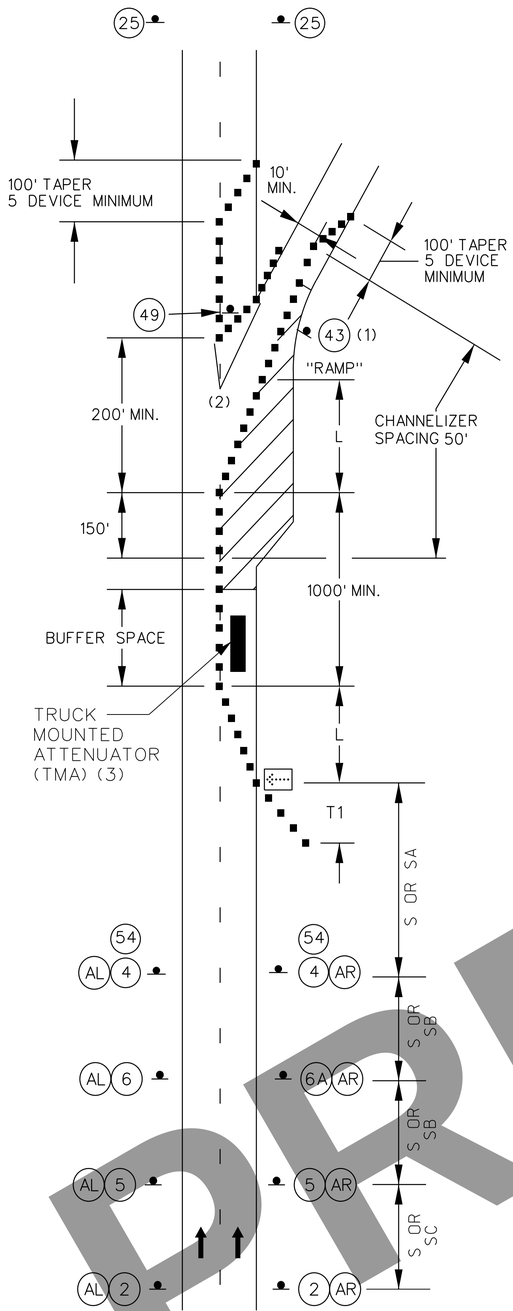
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

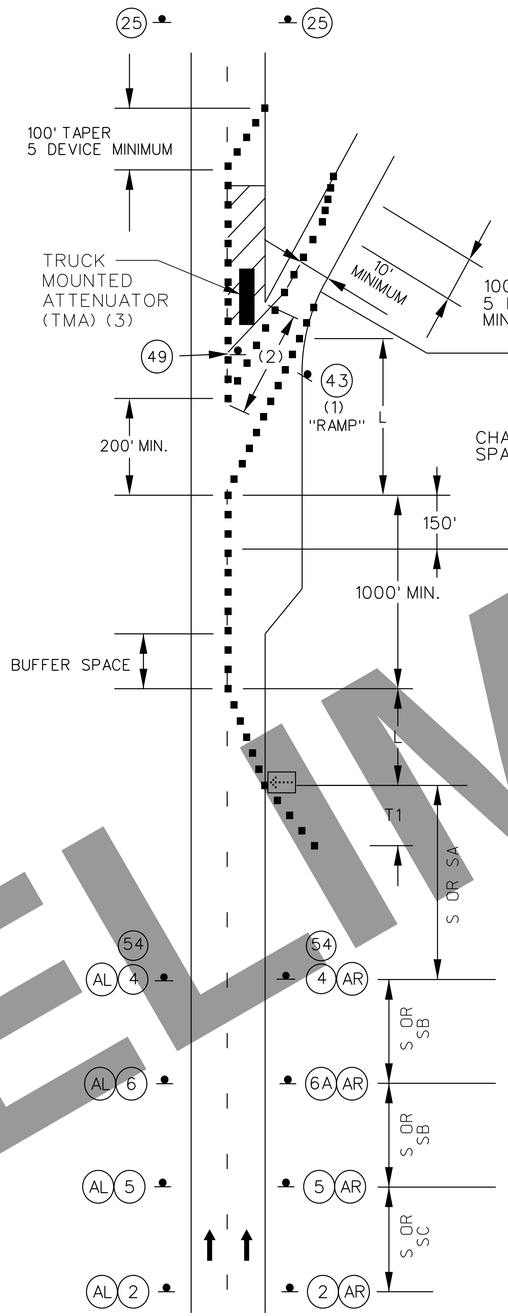
PARSONS
520 MARYSVILLE CENTRE DRIVE
SUITE 400, ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

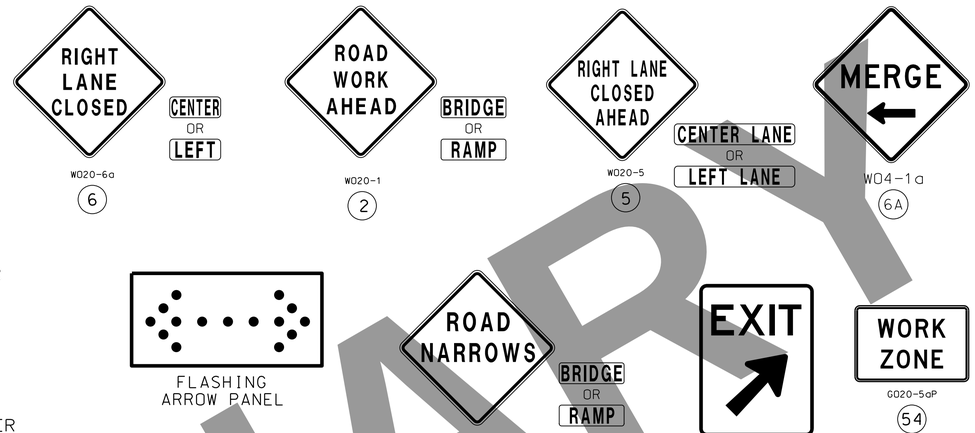
I-270 AND
RIVERVIEW DRIVE
TRAFFIC CONTROL
STANDARD
SIGNING

...\XXX_TC_041_J6I3020B_i10_MOT.dgn




WORK IN THE VICINITY
OF A EXIT RAMP AREAS




NOTES:

SEE xxxxx FOR WORK ZONE SPEED LIMIT GUIDELINES.

SEE xxxxx FOR SIGN SPACING, DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.

SIGN 2 NOT REQUIRED IF SHOULDER WORK IS LOCATED WITHIN THE LIMITS OF AN ACTIVITY AREA WHERE ANOTHER SIGN 2 IS ALREADY USED.

REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

IF RUMBLE STRIPS ARE USED, REVIEW EPG 616.6.87 RUMBLE STRIPS.

FOR NIGHT TIME OPERATIONS, REVIEW EPG 616.6.83 WARNING LIGHTS FOR USE OF SEQUENTIAL LIGHTS.

REVIEW EPG 616.6.63 CHANNELIZING DEVICES FOR DIFFERENT TYPES AND AND GUIDELINES FOR THE DEVICE.

(1). SIGN 43 REQUIRED WHEN RAMP WIDTH IS REDUCED.

(2). FIVE CHANNELIZER DEVICE MINIMUM.

(3). PROTECTIVE VEHICLE SHALL CONSIST OF TMA WITH WITH FLASHING ARROW PANEL. POSITION TMA AT LEAST 150' IN ADVANCE OF WORK SPACE, IF REQUIRED.

MAINTENANCE OF TRAFFIC
WORK IN VICINITY OF EXIT RAMP

PRELIMINARY

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 44 |

COUNTY
ST. LOUIS CITY/
ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | DESCRIPTION |
|---|---|

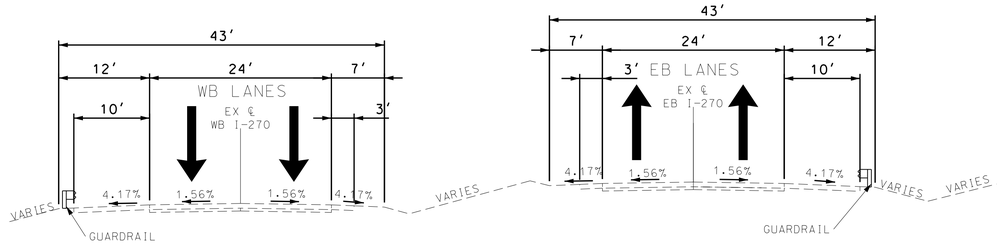
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

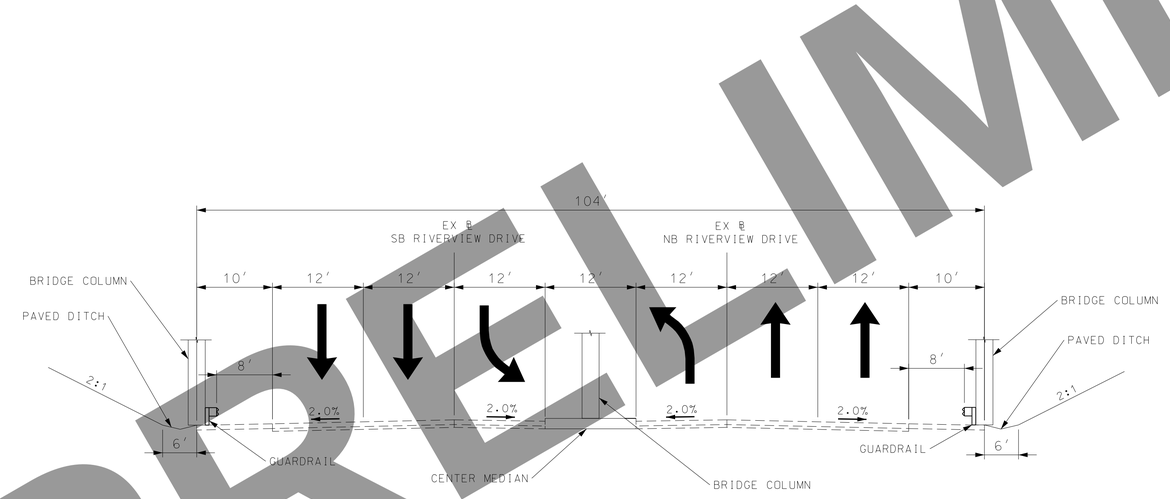
PARSONS
520 MARYVILLE CENTRE DRIVE
SUITE 400 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND
RIVERVIEW DRIVE
TRAFFIC CONTROL
STANDARD
SIGNING

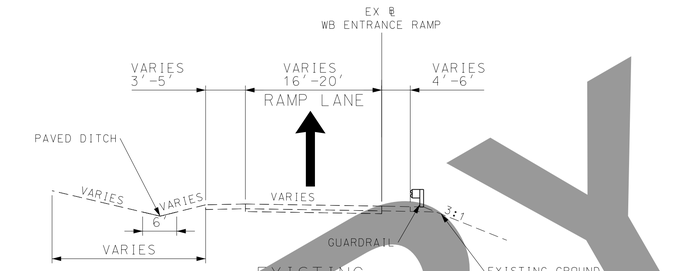
...\XXX_TC_042_J6I3020B_I10_MOT.dgn



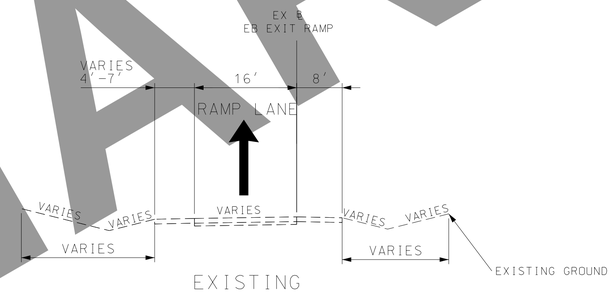

EXISTING F.A.I. ROUTE 270 TYPICAL SECTION
MISSOURI SIDE (FACING EAST)



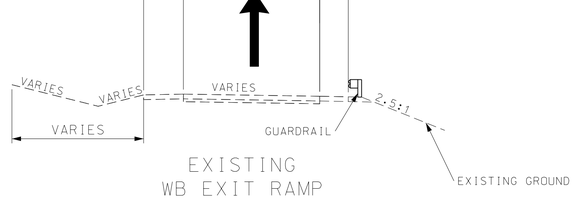

EXISTING RIVERVIEW DRIVE



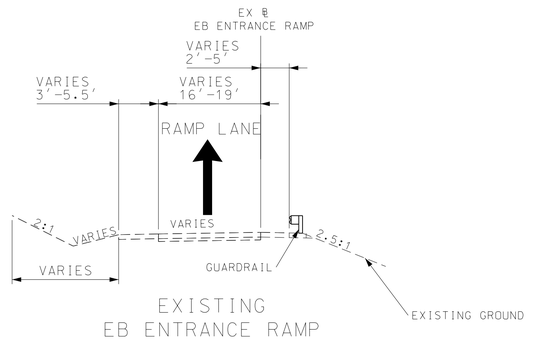

EXISTING
WB ENTRANCE RAMP
(RAMP 1)




EXISTING
EB EXIT RAMP
(RAMP 2)




EXISTING
WB EXIT RAMP
(RAMP 3)




EXISTING
EB ENTRANCE RAMP
(RAMP 4)

PRELIMINARY

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 45 |

COUNTY
ST. LOUIS CITY/
ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | DESCRIPTION |
|---|---|

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

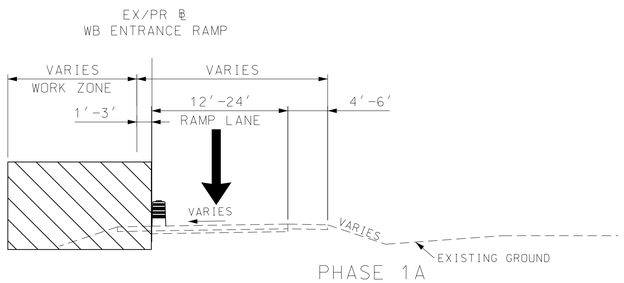
PARSONS
501 MARYVILLE CENTRE DRIVE
SUITE 600 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND
RIVERVIEW DRIVE
TRAFFIC CONTROL
TYPICAL SECTIONS
SHEET 1 OF 7

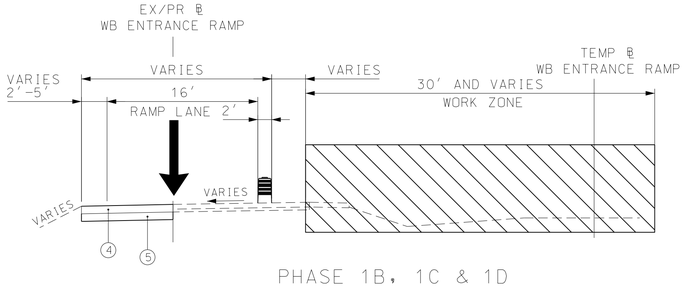
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

PROPOSED PAVEMENT SECTIONS:

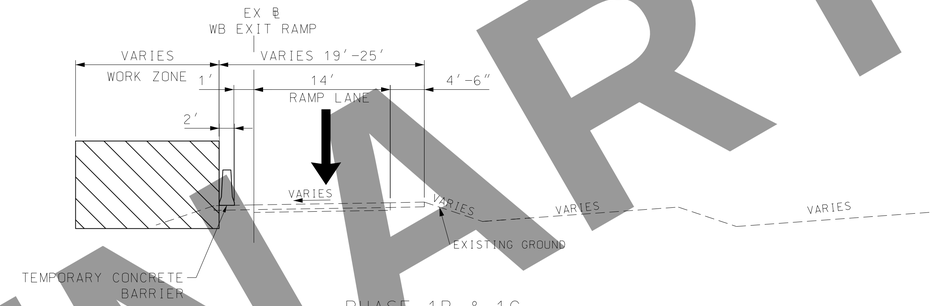
1. PORTLAND CEMENT CONCRETE 11"
2. ROCK BASE, 18"
3. PORTLAND CEMENT CONCRETE 9.5"
4. OPTIONAL TEMPORARY PAVEMENT
5. TYPE 5 AGGREGATE BASE, 4"



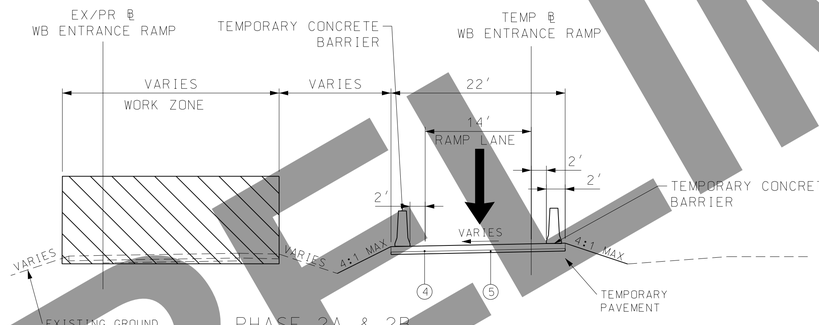

PHASE 1A
WB ENTRANCE RAMP
(RAMP 1)



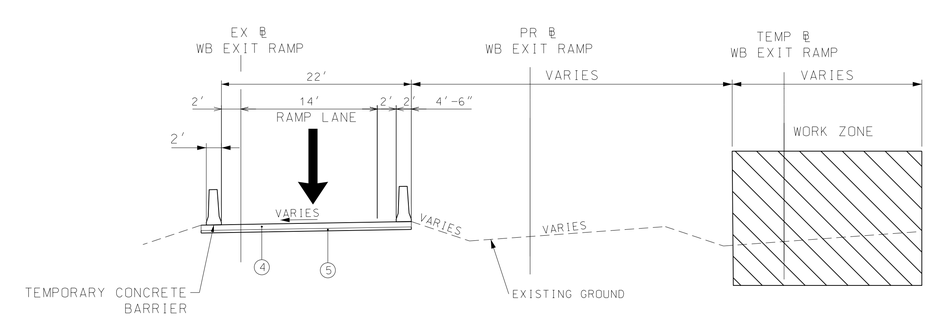

PHASE 1B, 1C & 1D
WB ENTRANCE RAMP
(RAMP 1)




PHASE 1B & 1C
WB EXIT RAMP
(RAMP 3)




PHASE 2A & 2B
WB ENTRANCE RAMP
(RAMP 1)




PHASE 1D
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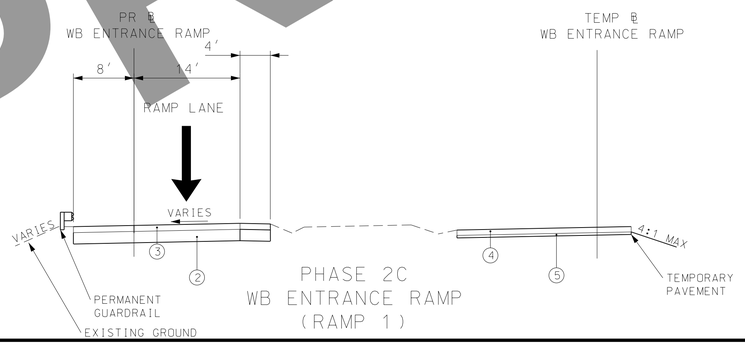
(RAMP 3)




PHASE 2C
WB ENTRANCE RAMP
(RAMP 1)

PRELIMINARY

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |

| DISTRICT | SHEET NO. |
|---|---|
| SL | 46 |

COUNTY
ST. LOUIS CITY/
ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | DESCRIPTION |
|---|---|

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

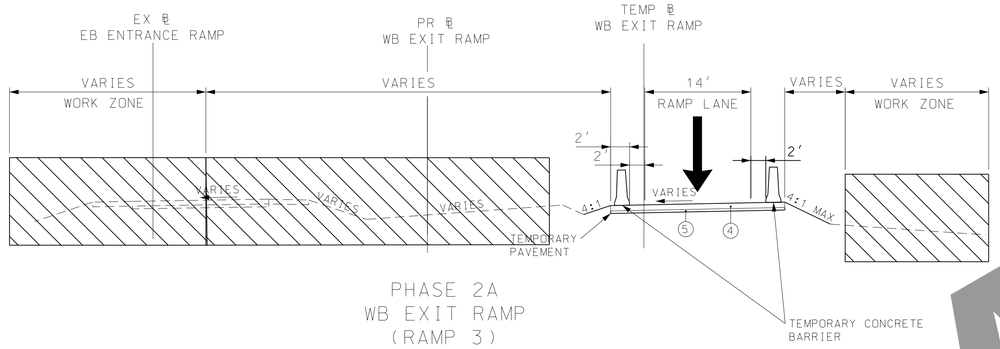
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS
501 MARYVILLE CENTRE DRIVE
SUITE 501 CHESTERFIELD, MO 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

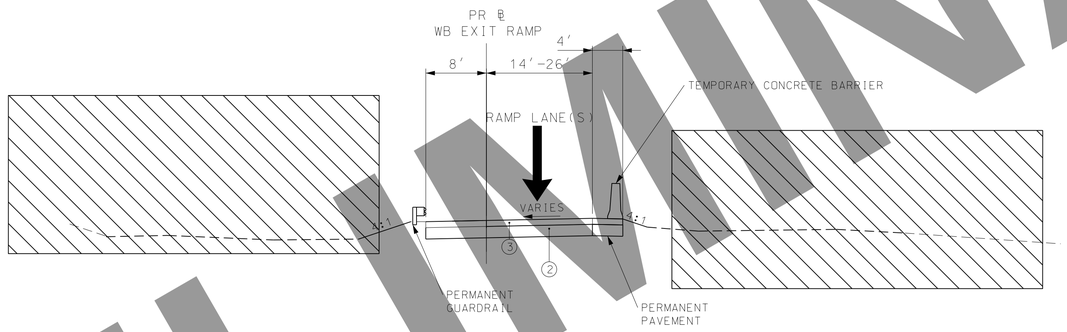
I-270 AND
RIVERVIEW DRIVE
TRAFFIC CONTROL
TYPICAL SECTIONS
SHEET 2 OF 7

PROPOSED PAVEMENT SECTIONS:

1. PORTLAND CEMENT CONCRETE 11"
2. ROCK BASE, 18"
3. PORTLAND CEMENT CONCRETE 9.5"
4. OPTIONAL TEMPORARY PAVEMENT
5. TYPE 5 AGGREGATE BASE, 4"




PHASE 2A
WB EXIT RAMP
(RAMP 3)




PHASE 2B
WB EXIT RAMP
(RAMP 3)

PRELIMINARY

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 47 |

COUNTY
ST. LOUIS CITY/
ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
|---|---|

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

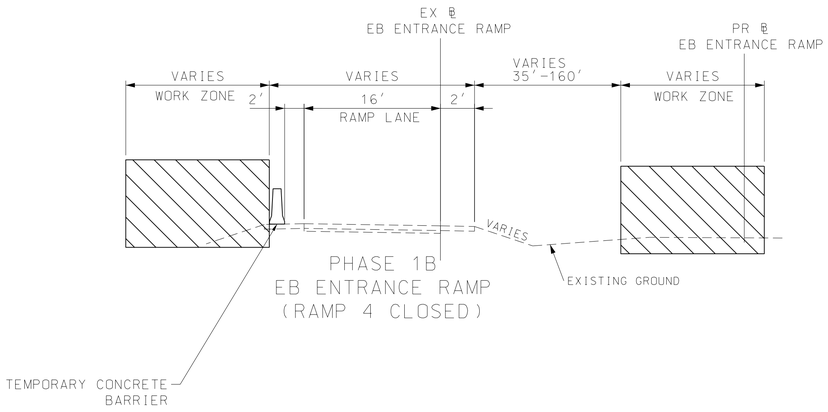
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS
520 MARYSVILLE CENTRE DRIVE
SUITE 400 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

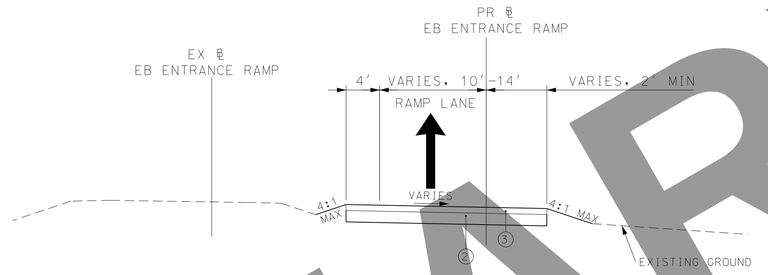
I-270 AND
RIVERVIEW DRIVE
TRAFFIC CONTROL
TYPICAL SECTIONS
SHEET 3 OF 7

PROPOSED PAVEMENT SECTIONS:

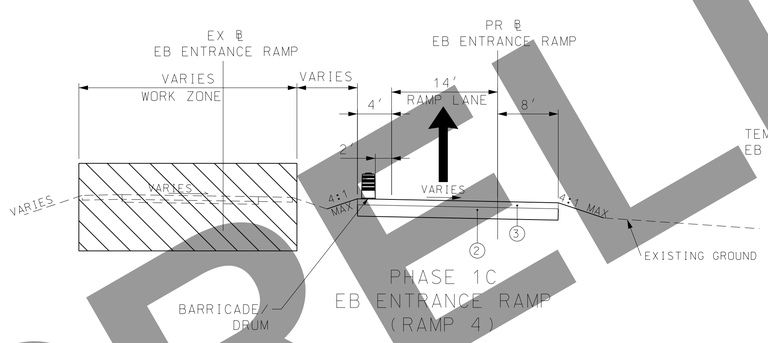
1. PORTLAND CEMENT CONCRETE 11"
2. ROCK BASE, 18"
3. PORTLAND CEMENT CONCRETE 9.5"
4. OPTIONAL TEMPORARY PAVEMENT
5. TYPE 5 AGGREGATE BASE, 4"



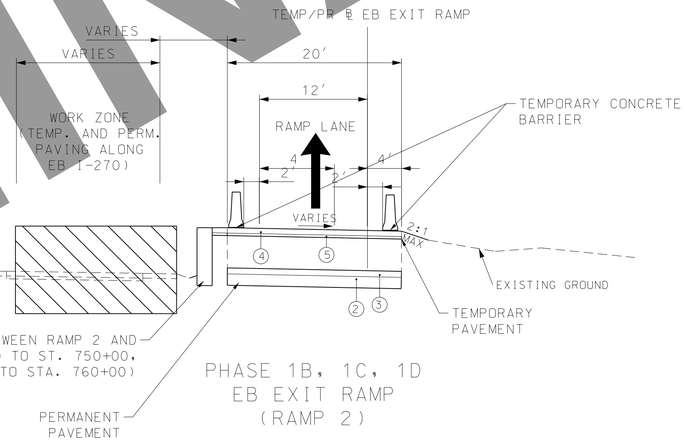

PHASE 1B
EB ENTRANCE RAMP
(RAMP 4 CLOSED)



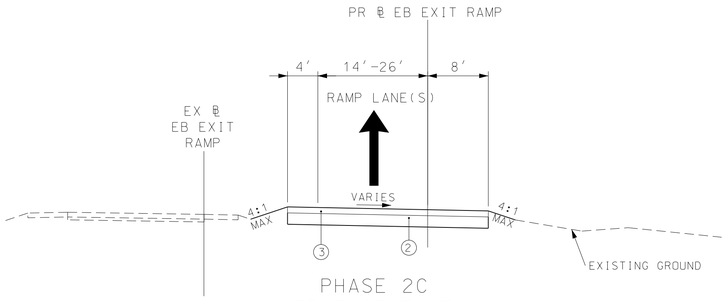

PHASE 1D, 2A, 2B & 2C
EB ENTRANCE RAMP
(RAMP 4)




PHASE 1C
EB ENTRANCE RAMP
(RAMP 4)




PHASE 1B, 1C, 1D
EB EXIT RAMP
(RAMP 2)




PHASE 2C
EB EXIT RAMP
(RAMP 2)

PRELIMINARY

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 48 |

COUNTY
ST. LOUIS CITY/
ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | DESCRIPTION |
|---|---|

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

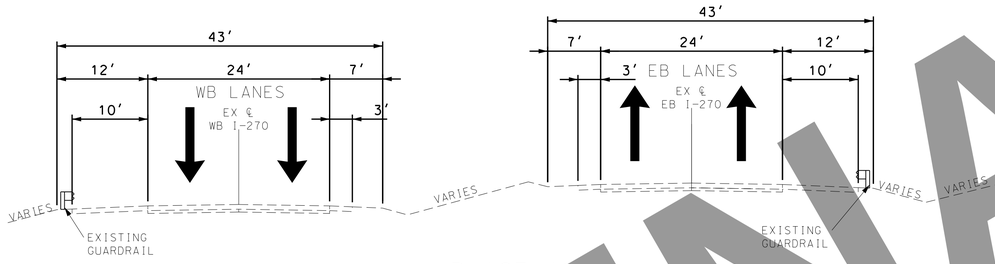
PARSONS
920 MARYSVILLE CENTRE DRIVE
SUITE 400 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND
RIVERVIEW DRIVE
TRAFFIC CONTROL
TYPICAL SECTIONS
SHEET 4 OF 7

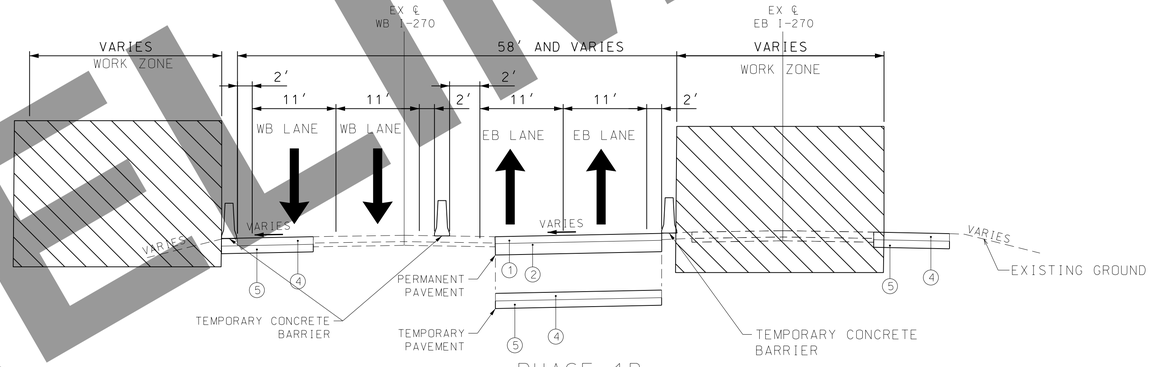
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

PROPOSED PAVEMENT SECTIONS:

1. PORTLAND CEMENT CONCRETE 11"
2. ROCK BASE, 18"
3. PORTLAND CEMENT CONCRETE 9.5"
4. OPTIONAL TEMPORARY PAVEMENT
5. TYPE 5 AGGREGATE BASE, 4"




PHASE 1A
I-270 MAINLINE




PHASE 1B
I-270 MAINLINE

PRELIMINARY

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |

| DISTRICT | SHEET NO. |
|---|---|
| SL | 49 |

COUNTY
ST. LOUIS CITY/
ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | DESCRIPTION |
|---|---|

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

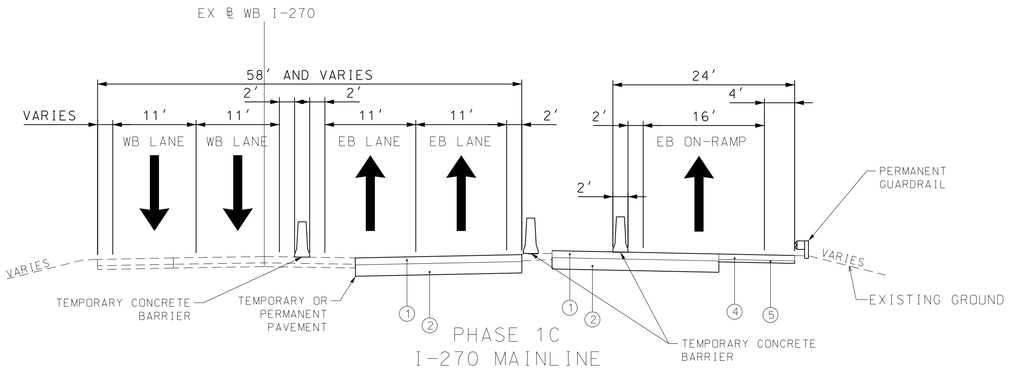
PARSONS

501 MARYVILLE CENTRE DRIVE
SUITE 501 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

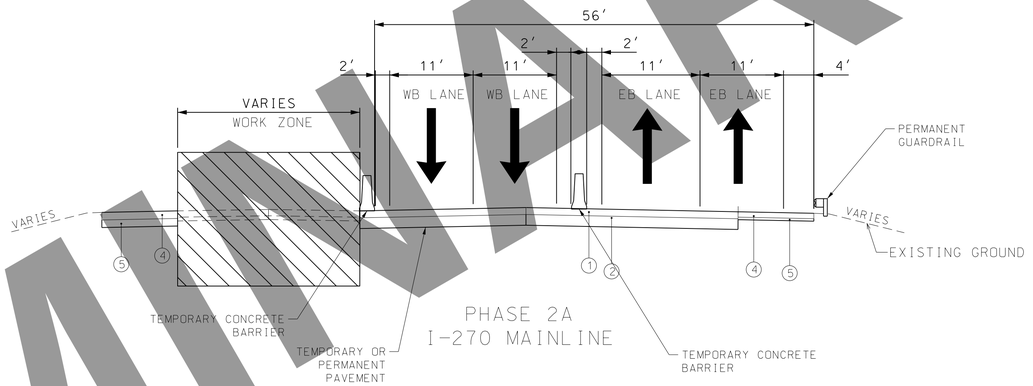
I-270 AND
RIVERVIEW DRIVE
TRAFFIC CONTROL
TYPICAL SECTIONS
SHEET 5 OF 7

PROPOSED PAVEMENT SECTIONS:

1. PORTLAND CEMENT CONCRETE 11"
2. ROCK BASE, 18"
3. PORTLAND CEMENT CONCRETE 9.5"
4. OPTIONAL TEMPORARY PAVEMENT
5. TYPE 5 AGGREGATE BASE, 4"

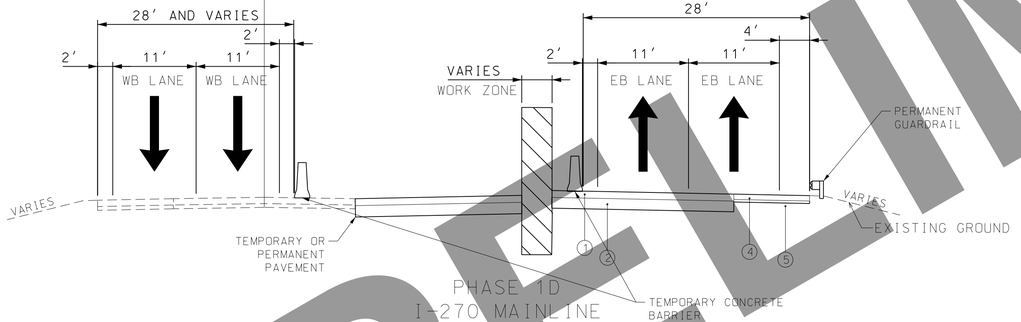



PHASE 1C
I-270 MAINLINE

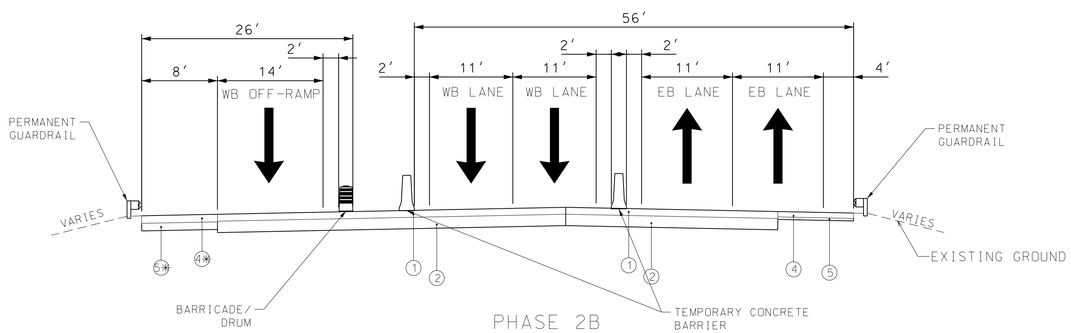



PHASE 2A
I-270 MAINLINE

NOTE: TRAFFIC IS SHIFTED TO LANE CONFIGURATION SHOWN IN PHASE 2A DURING PHASE 2A-O CONSTRUCTION. PHASE 2A-O CLOSES RAMPS 1 AND 3 TO COMPLETE TEMPORARY CONNECTIONS ACROSS EXISTING WB I-270.




PHASE 1D
I-270 MAINLINE




PHASE 2B
I-270 MAINLINE

PRELIMINARY

DATE

DATE PREPARED
3/17/2022

ROUTE I-270 | STATE MO

DISTRICT SL | SHEET NO. 50

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTION COMMISSION

MoDOT

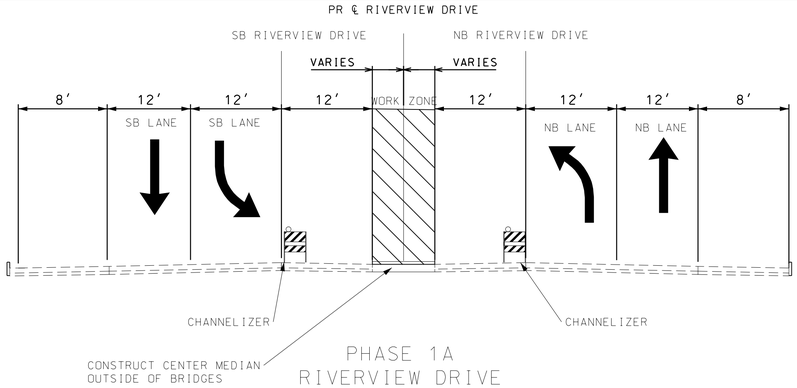
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS

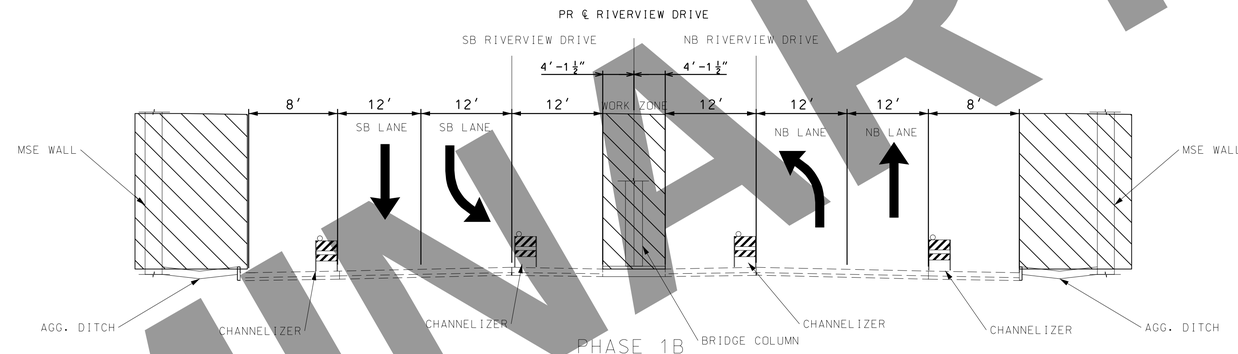
530 MARYSVILLE CENTRE DRIVE
SUITE 400 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND
RIVERVIEW DRIVE
TRAFFIC CONTROL
TYPICAL SECTIONS
SHEET 6 OF 7

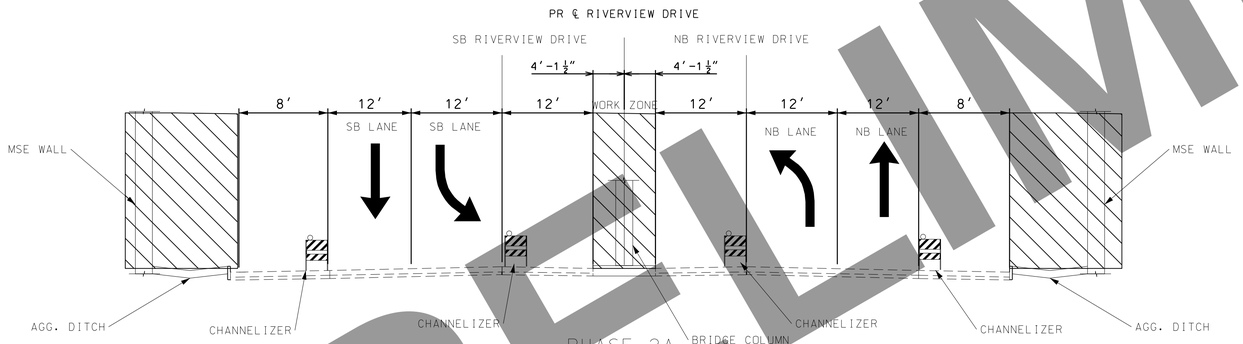
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



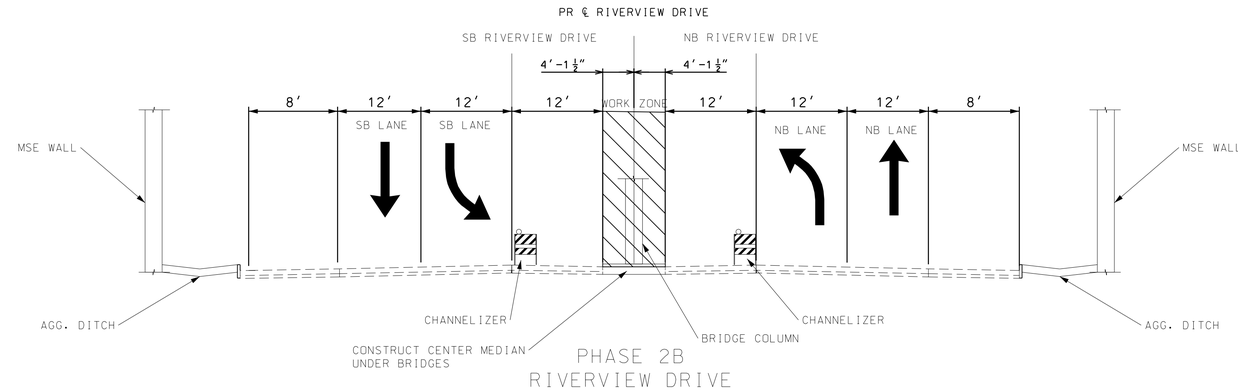

PHASE 1A
RIVERVIEW DRIVE




PHASE 1B
RIVERVIEW DRIVE
(NEW EB BRIDGE WORK)




PHASE 2A
RIVERVIEW DRIVE
(NEW WB BRIDGE WORK)




PHASE 2B
RIVERVIEW DRIVE

PRELIMINARY

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 51 |

COUNTY
ST. LOUIS CITY/
ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | DESCRIPTION |
|---|---|

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

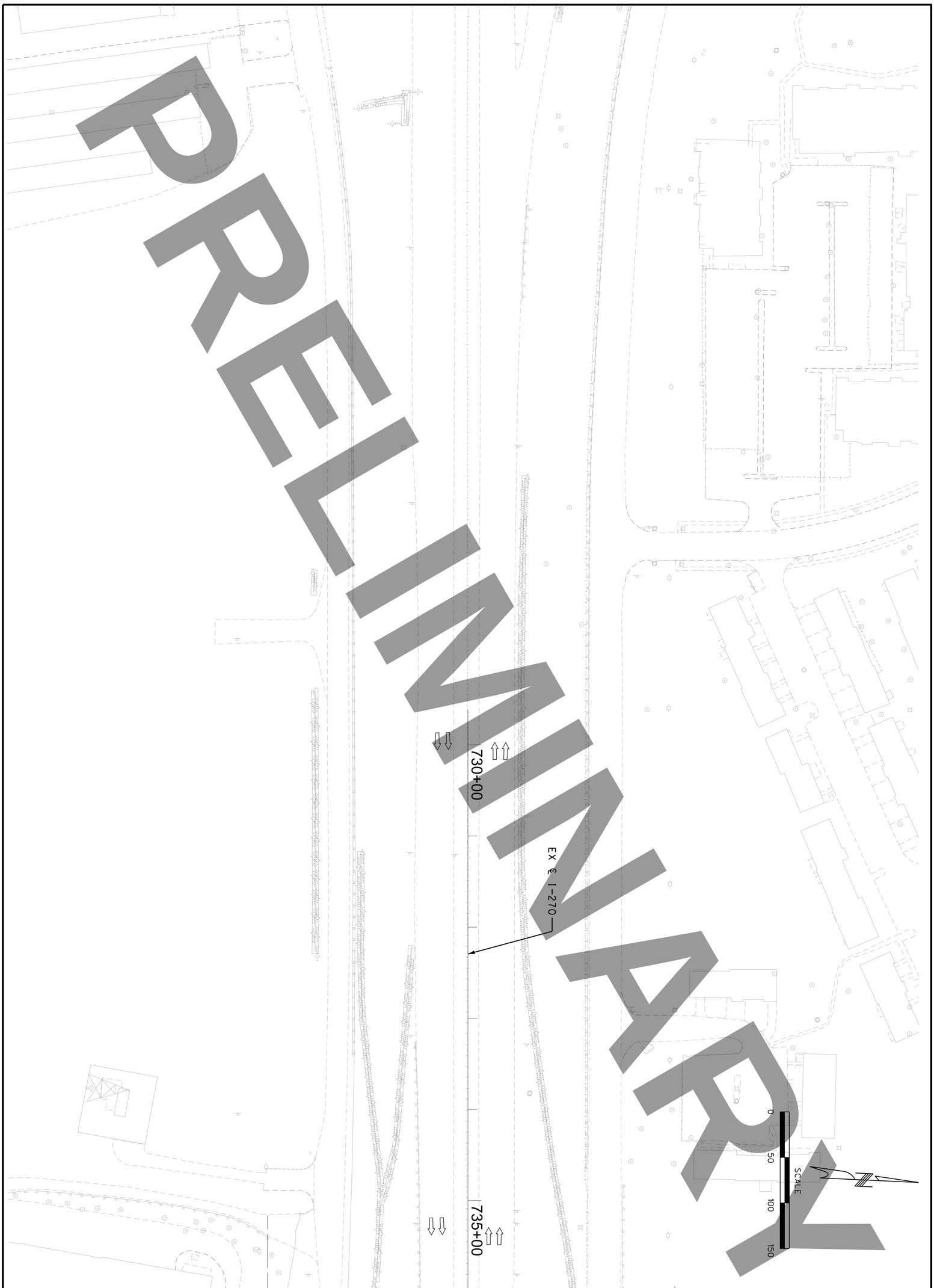
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS

920 MARYSVILLE CENTRE DRIVE
SUITE 401 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND
RIVERVIEW DRIVE
TRAFFIC CONTROL
TYPICAL SECTIONS
SHEET 7 OF 7

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.




PRELIMINARY

MATCHLINE I-270 EB. STA 1736+00.00

I-270 AND RIVERVIEW DRIVE TRAFFIC CONTROL (PHASE 1A) SHEET 1 OF 5

PARSONS
530 MARYSVILLE CENTRE DRIVE
SUITE 400 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

MISSOURI HIGHWAYS AND TRANSPORTION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

| DATE | DESCRIPTION |
|---|---|
| | |
| | |
| | |
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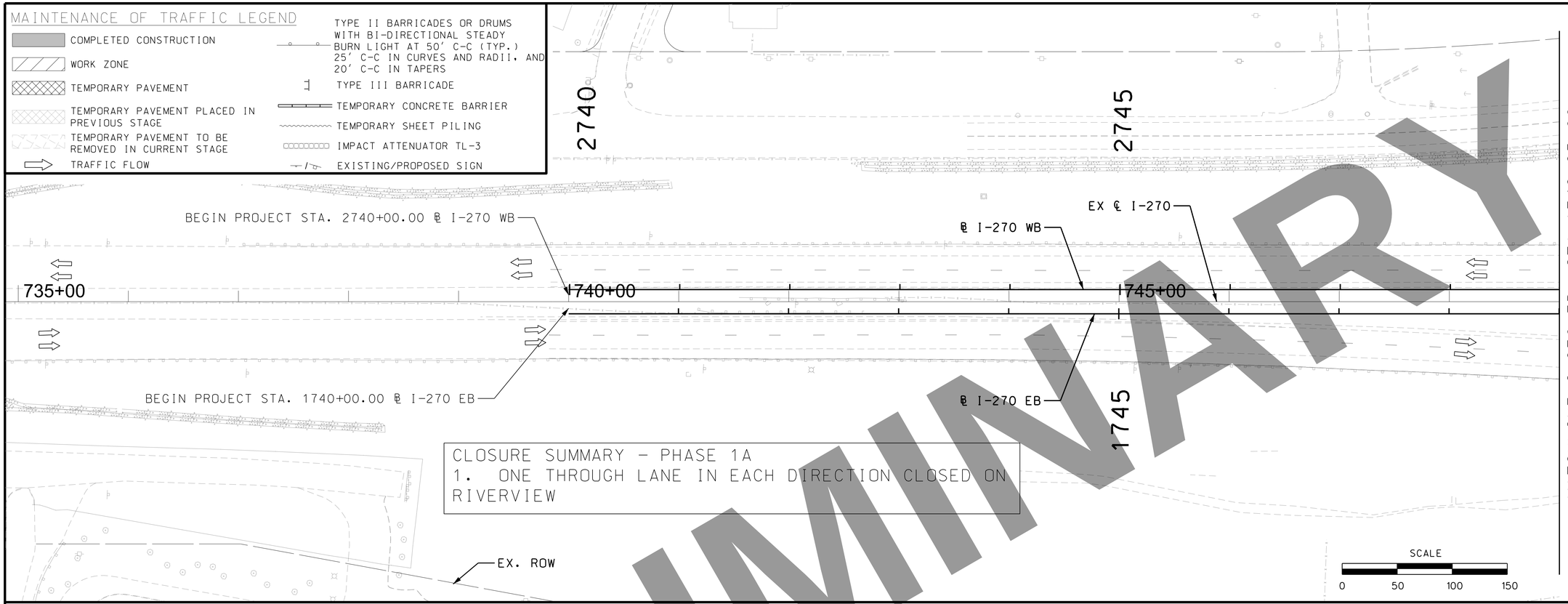
| | |

BRIDGE NO.
PROJECT NO.
CONTRACT ID.
JOB NO. J613020C
COUNTY ST. LOUIS CITY/ ST. LOUIS
DISTRICT SL
ROUTE I-270
STATE MO
SHEET NO. 52
DATE PREPARED 3/17/2022
DATE

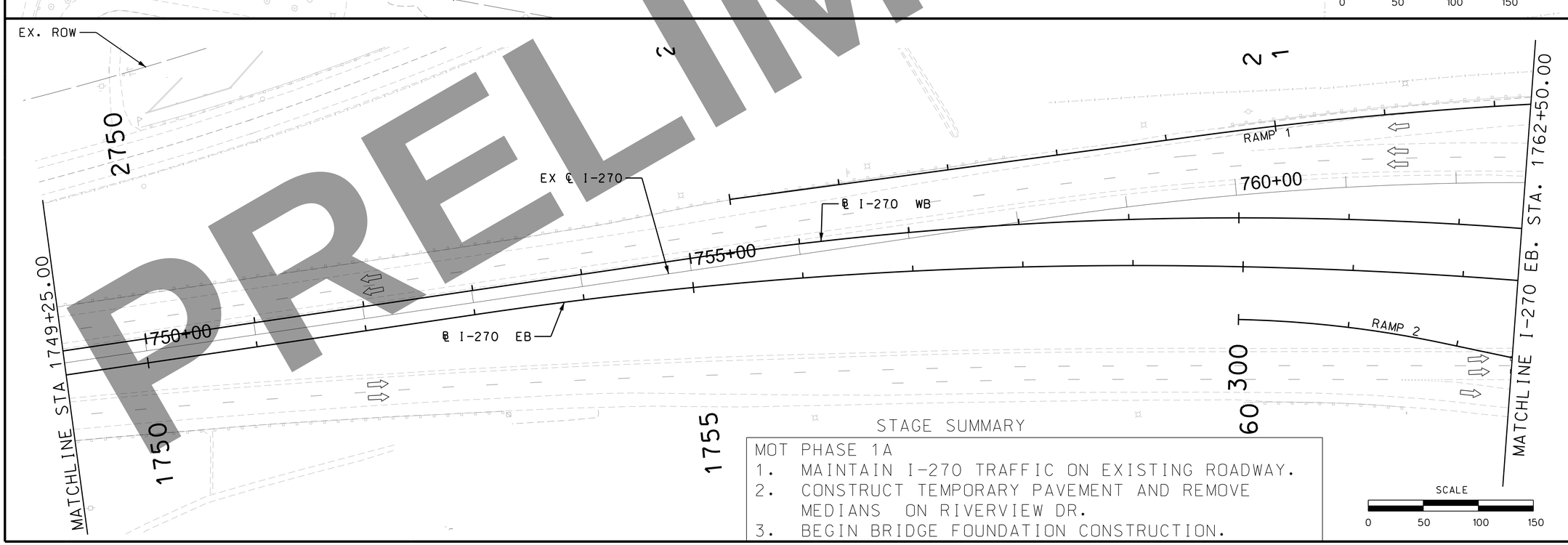
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

## MAINTENANCE OF TRAFFIC LEGEND

- COMPLETED CONSTRUCTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT TO BE REMOVED IN CURRENT STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY SHEET PILING
- IMPACT ATTENUATOR TL-3
- EXISTING/PROPOSED SIGN




CLOSURE SUMMARY - PHASE 1A
1. ONE THROUGH LANE IN EACH DIRECTION CLOSED ON RIVERVIEW




PRELIMINARY

STAGE SUMMARY

MOT PHASE 1A
1. MAINTAIN I-270 TRAFFIC ON EXISTING ROADWAY.
2. CONSTRUCT TEMPORARY PAVEMENT AND REMOVE MEDIANS ON RIVERVIEW DR.
3. BEGIN BRIDGE FOUNDATION CONSTRUCTION.

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 53 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
|---|---|

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

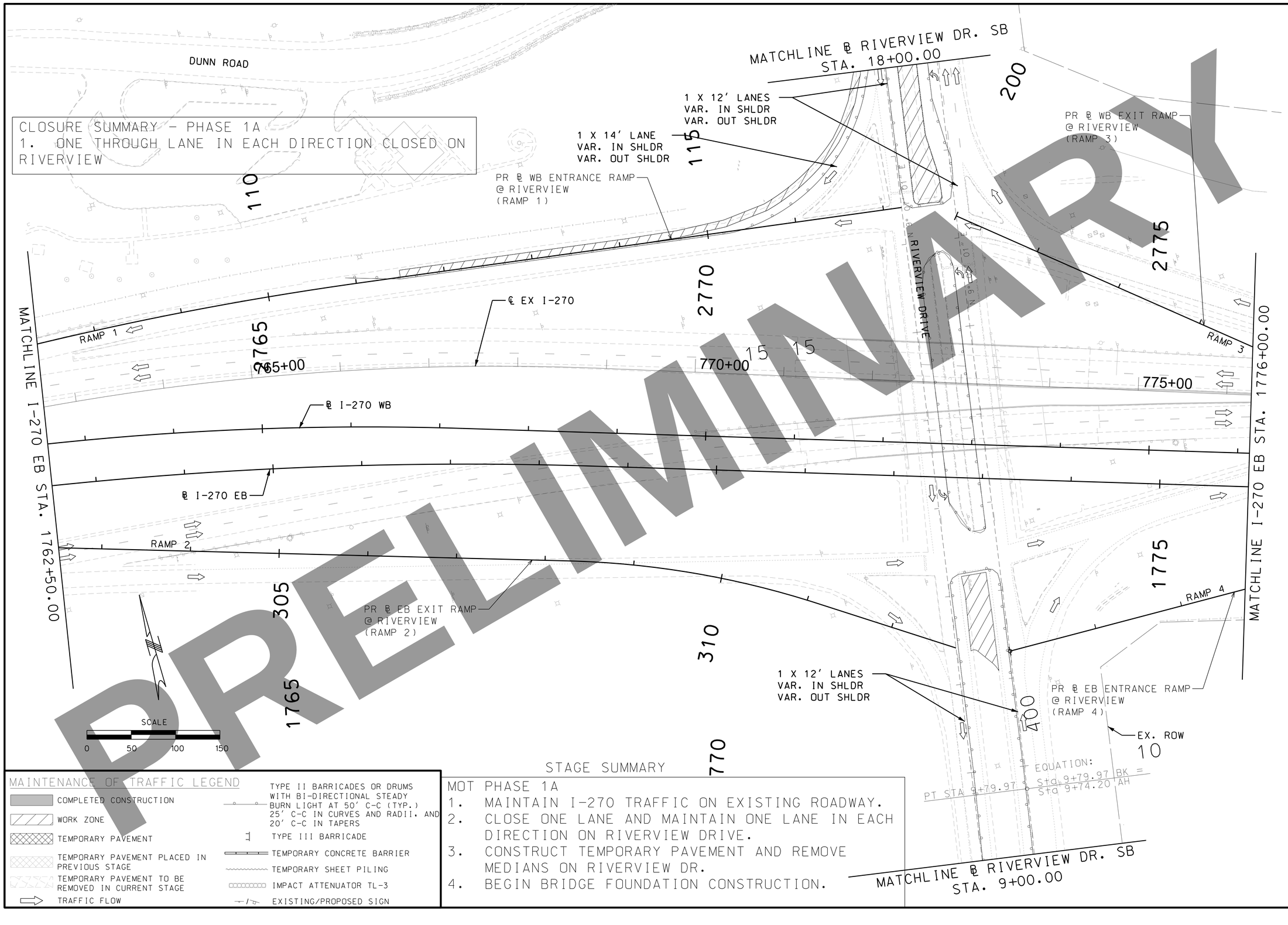
MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS

501 MARYVILLE CENTRE DRIVE
SUITE 400 CHESTERFIELD, MO 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW DRIVE TRAFFIC CONTROL (PHASE 1A)
SHEET 2 OF 5




CLOSURE SUMMARY - PHASE 1A
1. ONE THROUGH LANE IN EACH DIRECTION CLOSED ON RIVERVIEW

MAINTENANCE OF TRAFFIC LEGEND

- COMPLETED CONSTRUCTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT TO BE REMOVED IN CURRENT STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII. AND 20' C-C IN TAPERS
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY SHEET PILING
- IMPACT ATTENUATOR TL-3
- EXISTING/PROPOSED SIGN

STAGE SUMMARY

MOT PHASE 1A
1. MAINTAIN I-270 TRAFFIC ON EXISTING ROADWAY.
2. CLOSE ONE LANE AND MAINTAIN ONE LANE IN EACH DIRECTION ON RIVERVIEW DRIVE.
3. CONSTRUCT TEMPORARY PAVEMENT AND REMOVE MEDIANS ON RIVERVIEW DR.
4. BEGIN BRIDGE FOUNDATION CONSTRUCTION.

PRELIMINARY

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 54 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
|---|---|

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

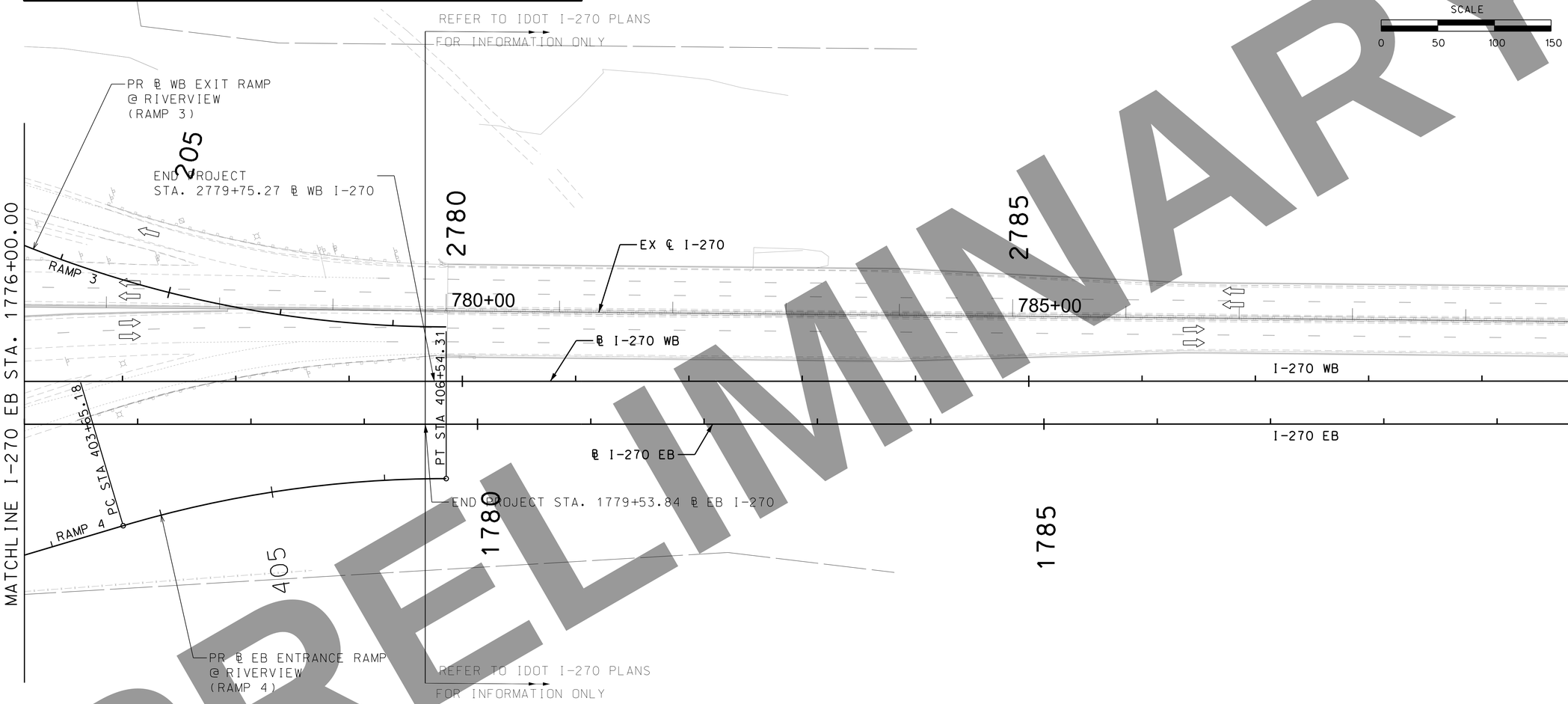
PARSONS
620 MARYSVILLE CENTRE DRIVE
SUITE 400 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW DRIVE TRAFFIC CONTROL (PHASE 1A)
SHEET 3 OF 5

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

## MAINTENANCE OF TRAFFIC LEGEND

- COMPLETED CONSTRUCTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT TO BE REMOVED IN CURRENT STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY SHEET PILING
- IMPACT ATTENUATOR TL-3
- EXISTING/PROPOSED SIGN




### CLOSURE SUMMARY - PHASE 1A

1. ONE THROUGH LANE IN EACH DIRECTION CLOSED ON RIVERVIEW

### STAGE SUMMARY

MOT PHASE 1A

1. MAINTAIN I-270 TRAFFIC ON EXISTING ROADWAY.
2. CONSTRUCT TEMPORARY PAVEMENT AND REMOVE MEDIANS ON RIVERVIEW DR.
3. BEGIN BRIDGE FOUNDATION CONSTRUCTION.

PRELIMINARY

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |

| DISTRICT | SHEET NO. |
|---|---|
| SL | 55 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
|---|---|
| | |

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

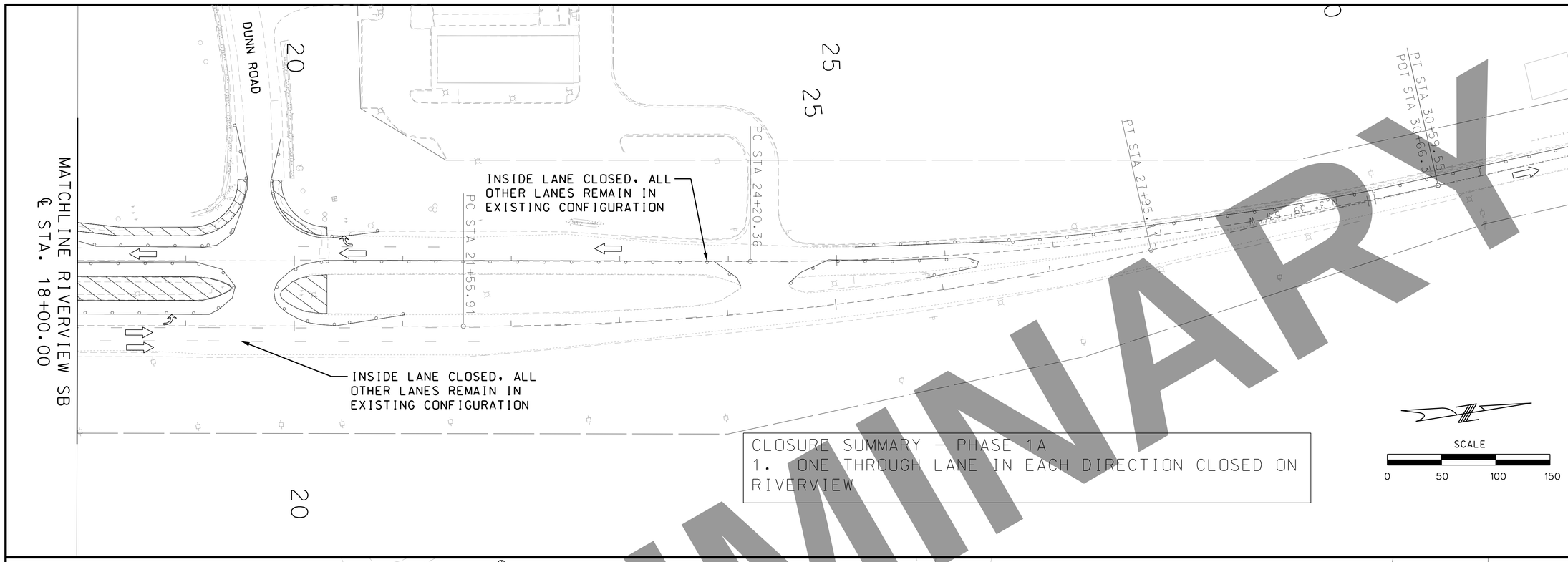
MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS

501 MARYSVILLE CENTRE DRIVE
SUITE 400 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND
RIVERVIEW DRIVE
TRAFFIC CONTROL
(PHASE 1A)
SHEET 4 OF 5




PRELIMINARY

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 56 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
|---|---|

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS
501 MARYVILLE CENTRE DRIVE
SUITE 400 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND
RIVERVIEW DRIVE
TRAFFIC CONTROL
(PHASE 1A)
SHEET 5 OF 5

CLOSURE SUMMARY - PHASE 1B
1. RAMP 2 CLOSED DURING THIS PHASE.
2. RAMP 4 CLOSED DURING THIS PHASE.
3. RAMPS 2 AND 4 SHALL NOT BE CLOSED CONCURRENTLY.
4. ONE THROUGH LANE IN EACH DIRECTION CLOSED ON RIVERVIEW.
5. RIVERVIEW CLOSED FOR SHORT-TERM DURATIONS FOR BEAM SETTING.

SCALE
0 50 100 150

EXISTING 2 X 12' LANES
2' INSIDE SHOULDER
10' OUTSIDE SHOULDER

℄ EX I-270

2 x 11' LANES
2' SHOULDERS

722 723 724 725+00 726 727 728 729 730+00 731 732 733 734 735+00

EXISTING 2 X 12' LANES
2' INSIDE SHOULDER
10' OUTSIDE SHOULDER

IMPACT ATTENUATOR
2 x 11' LANES
2' SHOULDERS

TEMPORARY BARRIER

START TEMPORARY BARRIER
STA. 732+55

MATCHLINE I-270 EB. STA 736+00.00

PRELIMINARY

STRIPING NOTES
1. 6 IN. WHITE BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID
2. 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, DASHED
3. 6 IN. YELLOW HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID

MAINTENANCE OF TRAFFIC LEGEND
- COMPLETED CONSTRUCTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT TO BE REMOVED IN CURRENT STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY SHEET PILING
- IMPACT ATTENUATOR TL-3
- EXISTING/PROPOSED SIGN

STAGE SUMMARY

MOT PHASE 1B
1. MAINTAIN I-270 TRAFFIC ON EXISTING ROADWAY.
2. CONSTRUCT EASTBOUND I-270 RIVER BRIDGE.
3. CONSTRUCT EASTBOUND RIVERVIEW DRIVE BRIDGE.
4. CONSTRUCT PERMANENT I-270 PAVEMENT AS SHOWN IN THE PLANS.
5. CONSTRUCT TEMPORARY PAVEMENT AS SHOWN IN THE PLANS.
6. CONSTRUCT EB ENTRANCE RAMP (RAMP 4), EB EXIT RAMP (RAMP 2) AND PORTIONS OF REMAINING RAMPS AS SHOWN IN THE PLANS.

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 57 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | DESCRIPTION |
|---|---|

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.


MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS
520 MARYSVILLE CENTRE DRIVE
SUITE 400, ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022


I-270 AND RIVERVIEW DRIVE TRAFFIC CONTROL (PHASE 1B)
SHEET 1 OF 5

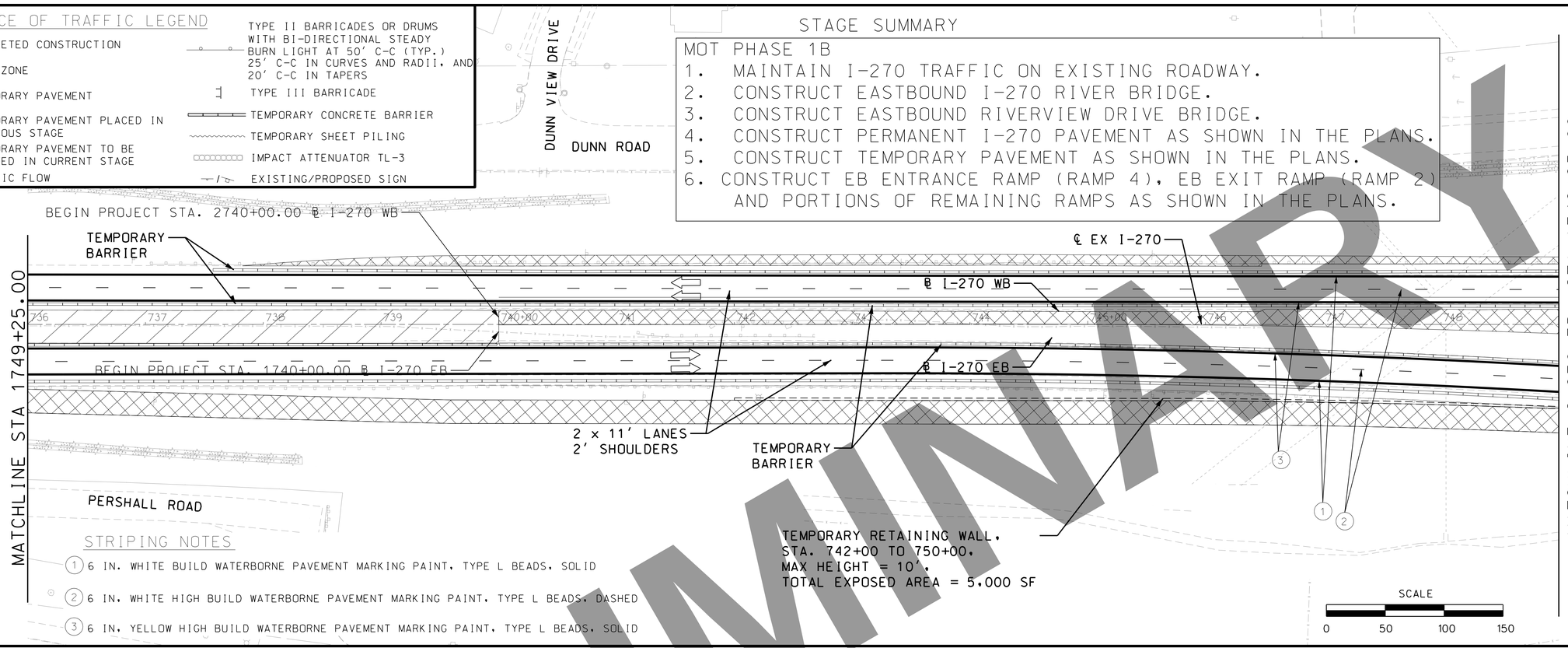
## MAINTENANCE OF TRAFFIC LEGEND

- COMPLETED CONSTRUCTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT TO BE REMOVED IN CURRENT STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY SHEET PILING
- IMPACT ATTENUATOR TL-3
- EXISTING/PROPOSED SIGN

## STAGE SUMMARY

MOT PHASE 1B

1. MAINTAIN I-270 TRAFFIC ON EXISTING ROADWAY.
2. CONSTRUCT EASTBOUND I-270 RIVER BRIDGE.
3. CONSTRUCT EASTBOUND RIVERVIEW DRIVE BRIDGE.
4. CONSTRUCT PERMANENT I-270 PAVEMENT AS SHOWN IN THE PLANS.
5. CONSTRUCT TEMPORARY PAVEMENT AS SHOWN IN THE PLANS.
6. CONSTRUCT EB ENTRANCE RAMP (RAMP 4), EB EXIT RAMP (RAMP 2) AND PORTIONS OF REMAINING RAMPS AS SHOWN IN THE PLANS.

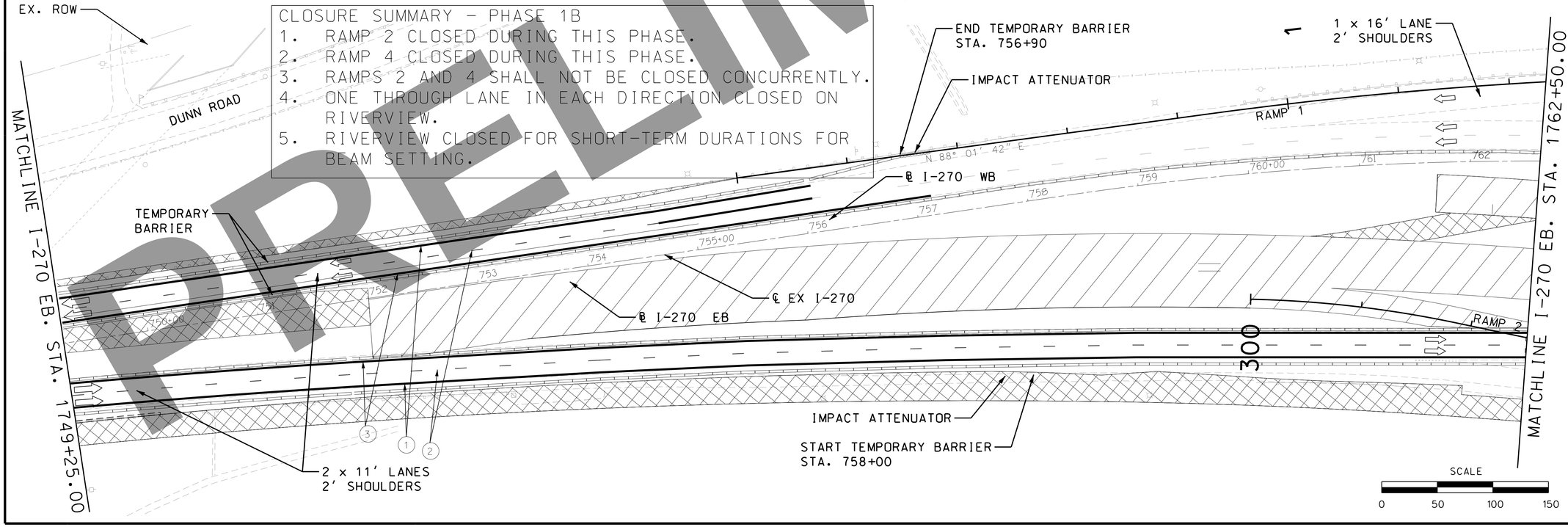



## STRIPING NOTES

1. 6 IN. WHITE BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID
2. 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, DASHED
3. 6 IN. YELLOW HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID

## CLOSURE SUMMARY - PHASE 1B

1. RAMP 2 CLOSED DURING THIS PHASE.
2. RAMP 4 CLOSED DURING THIS PHASE.
3. RAMPS 2 AND 4 SHALL NOT BE CLOSED CONCURRENTLY.
4. ONE THROUGH LANE IN EACH DIRECTION CLOSED ON RIVERVIEW.
5. RIVERVIEW CLOSED FOR SHORT-TERM DURATIONS FOR BEAM SETTING.




PRELIMINARY

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 58 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | DESCRIPTION |
|---|---|

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

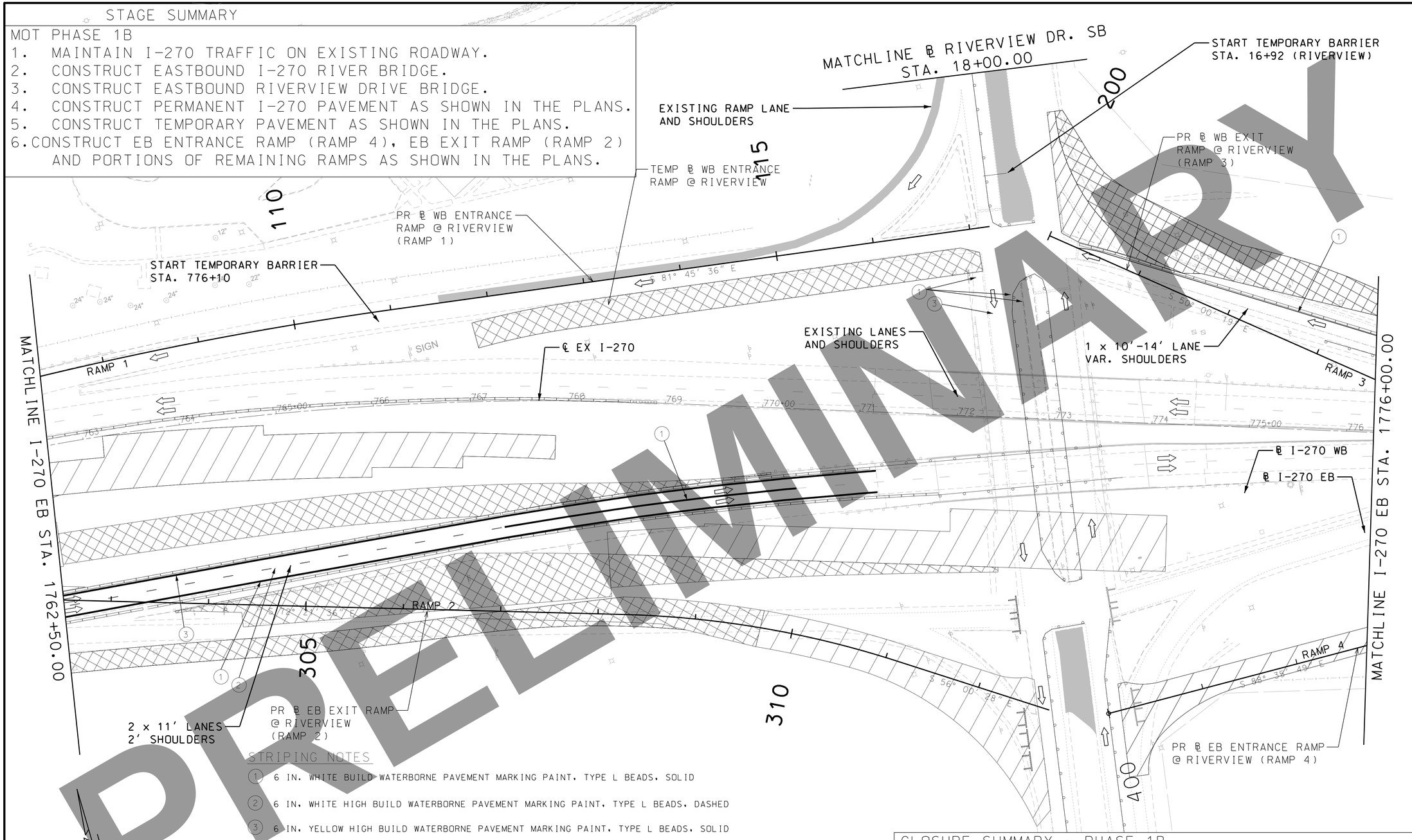
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS
501 MARYVILLE CENTRE DRIVE
SUITE 400 ST. LOUIS, MO 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW DRIVE TRAFFIC CONTROL (PHASE 1B)
SHEET 2 OF 5

## STAGE SUMMARY

MOT PHASE 1B
1. MAINTAIN I-270 TRAFFIC ON EXISTING ROADWAY.
2. CONSTRUCT EASTBOUND I-270 RIVER BRIDGE.
3. CONSTRUCT EASTBOUND RIVERVIEW DRIVE BRIDGE.
4. CONSTRUCT PERMANENT I-270 PAVEMENT AS SHOWN IN THE PLANS.
5. CONSTRUCT TEMPORARY PAVEMENT AS SHOWN IN THE PLANS.
6. CONSTRUCT EB ENTRANCE RAMP (RAMP 4), EB EXIT RAMP (RAMP 2) AND PORTIONS OF REMAINING RAMPS AS SHOWN IN THE PLANS.




### STRIPING NOTES

1. 6 IN. WHITE BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID
2. 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, DASHED
3. 6 IN. YELLOW HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID

SCALE
0 50 100 150

### MAINTENANCE OF TRAFFIC LEGEND

- COMPLETED CONSTRUCTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT TO BE REMOVED IN CURRENT STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY SHEET PILING
- IMPACT ATTENUATOR TL-3
- EXISTING/PROPOSED SIGN

### CLOSURE SUMMARY - PHASE 1B

1. RAMP 2 CLOSED DURING THIS PHASE.
2. RAMP 4 CLOSED DURING THIS PHASE.
3. RAMPS 2 AND 4 SHALL NOT BE CLOSED CONCURRENTLY.
4. ONE THROUGH LANE IN EACH DIRECTION CLOSED ON RIVERVIEW.
5. RIVERVIEW CLOSED FOR SHORT-TERM DURATIONS FOR BEAM SETTING.

PRELIMINARY

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 59 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

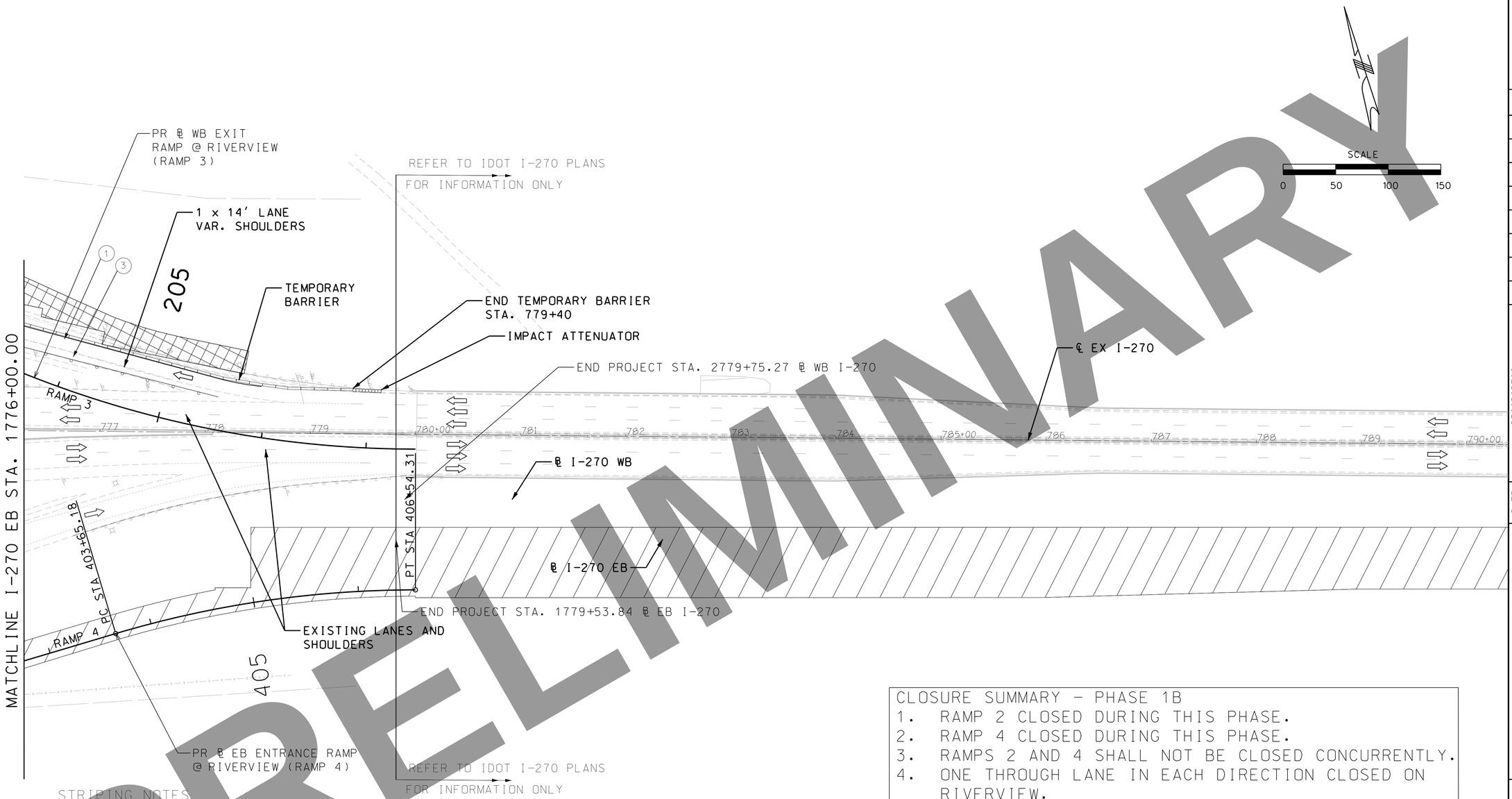
DATE

MISSOURI HIGHWAYS AND TRANSPORTION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS
530 MARYSVILLE CENTRE DRIVE
SUITE 400 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW DRIVE TRAFFIC CONTROL (PHASE 1B)
SHEET 3 OF 5

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.




PRELIMINARY

STRIPING NOTES

1. 6 IN. WHITE BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID
2. 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, DASHED
3. 6 IN. YELLOW HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID

MAINTENANCE OF TRAFFIC LEGEND

- COMPLETED CONSTRUCTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT TO BE REMOVED IN CURRENT STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY SHEET PILING
- IMPACT ATTENUATOR TL-3
- EXISTING/PROPOSED SIGN

CLOSURE SUMMARY - PHASE 1B

1. RAMP 2 CLOSED DURING THIS PHASE.
2. RAMP 4 CLOSED DURING THIS PHASE.
3. RAMPS 2 AND 4 SHALL NOT BE CLOSED CONCURRENTLY.
4. ONE THROUGH LANE IN EACH DIRECTION CLOSED ON RIVERVIEW.
5. RIVERVIEW CLOSED FOR SHORT-TERM DURATIONS FOR BEAM SETTING.

STAGE SUMMARY

MOT PHASE 1B

1. MAINTAIN I-270 TRAFFIC ON EXISTING ROADWAY.
2. CONSTRUCT EASTBOUND I-270 RIVER BRIDGE.
3. CONSTRUCT EASTBOUND RIVERVIEW DRIVE BRIDGE.
4. CONSTRUCT PERMANENT I-270 PAVEMENT AS SHOWN IN THE PLANS.
5. CONSTRUCT TEMPORARY PAVEMENT AS SHOWN IN THE PLANS.
6. CONSTRUCT EB ENTRANCE RAMP (RAMP 4), EB EXIT RAMP (RAMP 2) AND PORTIONS OF REMAINING RAMPS AS SHOWN IN THE PLANS.

DATE

DATE PREPARED 3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 60 |

COUNTY: ST. LOUIS CITY/ ST. LOUIS

JOB NO. J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | DESCRIPTION |
|---|---|

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

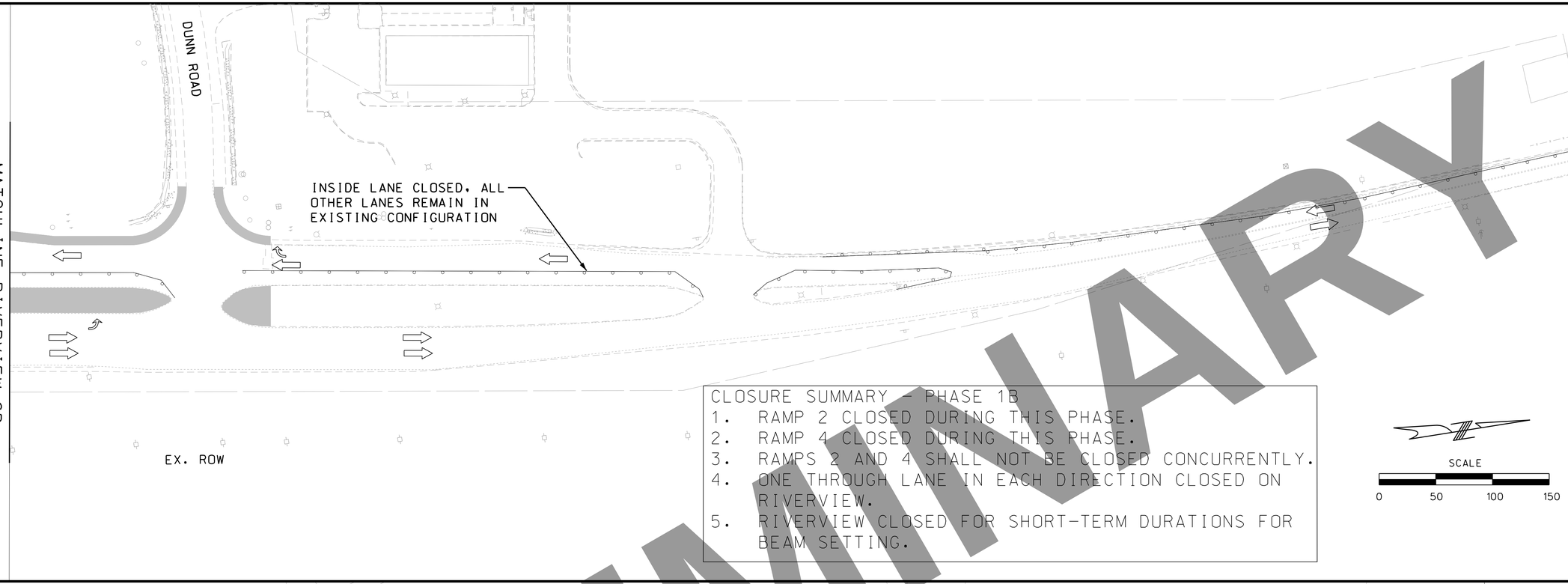
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS

501 MARYVILLE CENTRE DRIVE
SUITE 501 ST. LOUIS, MO 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

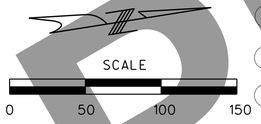
I-270 AND RIVERVIEW DRIVE TRAFFIC CONTROL (PHASE 1B) SHEET 4 OF 5

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.




CLOSURE SUMMARY - PHASE 1B

1. RAMP 2 CLOSED DURING THIS PHASE.
2. RAMP 4 CLOSED DURING THIS PHASE.
3. RAMPS 2 AND 4 SHALL NOT BE CLOSED CONCURRENTLY.
4. ONE THROUGH LANE IN EACH DIRECTION CLOSED ON RIVERVIEW.
5. RIVERVIEW CLOSED FOR SHORT-TERM DURATIONS FOR BEAM SETTING.




STRIPING NOTES

1. 6 IN. WHITE BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID
2. 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, DASHED
3. 6 IN. YELLOW HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID

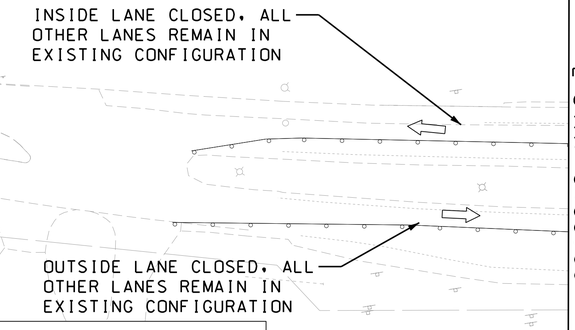
MAINTENANCE OF TRAFFIC LEGEND

- COMPLETED CONSTRUCTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT TO BE REMOVED IN CURRENT STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY SHEET PILING
- IMPACT ATTENUATOR TL-3
- EXISTING/PROPOSED SIGN

STAGE SUMMARY

MOT PHASE 1B

1. MAINTAIN I-270 TRAFFIC ON EXISTING ROADWAY.
2. CONSTRUCT EASTBOUND I-270 RIVER BRIDGE.
3. CONSTRUCT EASTBOUND RIVERVIEW DRIVE BRIDGE.
4. CONSTRUCT PERMANENT I-270 PAVEMENT AS SHOWN IN THE PLANS.
5. CONSTRUCT TEMPORARY PAVEMENT AS SHOWN IN THE PLANS.
6. CONSTRUCT EB ENTRANCE RAMP (RAMP 4), EB EXIT RAMP (RAMP 2) AND PORTIONS OF REMAINING RAMPS AS SHOWN IN THE PLANS.




PRELIMINARY

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE

DATE PREPARED 3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 61 |

COUNTY: ST. LOUIS CITY/ ST. LOUIS

JOB NO. J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
|---|---|

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS

501 MARYVILLE CENTRE DRIVE
SUITE 501 ST. LOUIS, MO 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW DRIVE TRAFFIC CONTROL (PHASE 1B)
SHEET 5 OF 5

PRELIMINARY

SCALE
0 50 100 150

EXISTING 2 X 12' LANES
2' INSIDE SHOULDER
10' OUTSIDE SHOULDER

2 x 11' LANES
2' SHOULDERS

730+00

735+00

EXISTING 2 X 12' LANES
2' INSIDE SHOULDER
10' OUTSIDE SHOULDER
IMPACT ATTENUATOR

1 x 12' LANES

IMPACT ATTENUATOR

BEGIN TEMPORARY
BARRIER STA 727+77

BEGIN TEMPORARY
BARRIER STA 733+35

BEGIN TEMPORARY
BARRIER STA 733+02

PR B EB TEMP EXIT RAMP
@ RIVERVIEW
(RAMP 2)

MATCHLINE I-270 EB. STA 1736+00.00

## STRIPING NOTES

1. 6 IN. WHITE BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID
2. 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, DASHED
3. 6 IN. YELLOW HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID

## MAINTENANCE OF TRAFFIC LEGEND

- COMPLETED CONSTRUCTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT TO BE REMOVED IN CURRENT STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY SHEET PILING
- IMPACT ATTENUATOR TL-3
- EXISTING/PROPOSED SIGN

CLOSURE SUMMARY - PHASE 1C
1. ONE THROUGH LANE IN EACH DIRECTION CLOSED ON RIVERVIEW.

## STAGE SUMMARY

MOT PHASE 1C
1. SHIFT I-270 TRAFFIC TO NORTH ON TEMPORARY AND PERMANENT WESTBOUND PAVEMENT. THRU TRAFFIC REMAINS ON EXISTING RIVER BRIDGE.
2. SHIFT EASTBOUND ENTRANCE RAMP TO NEW RAMP PAVEMENT & SHIFT EASTBOUND ENTRANCE RAMP TO MISSISSIPPI RIVER BRIDGE.
3. CONSTRUCT EASTBOUND I-270 PAVEMENT.
4. CONSTRUCT GAP IN I-270 PAVEMENT OVER EASTBOUND ENTRANCE RAMP.

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 62 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
|---|---|

MISSOURI HIGHWAYS AND TRANSPORTION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS
620 MARYSVILLE CENTRE DRIVE
SUITE 400 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND
RIVERVIEW DRIVE
TRAFFIC CONTROL
(PHASE 1C)
SHEET 1 OF 5

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

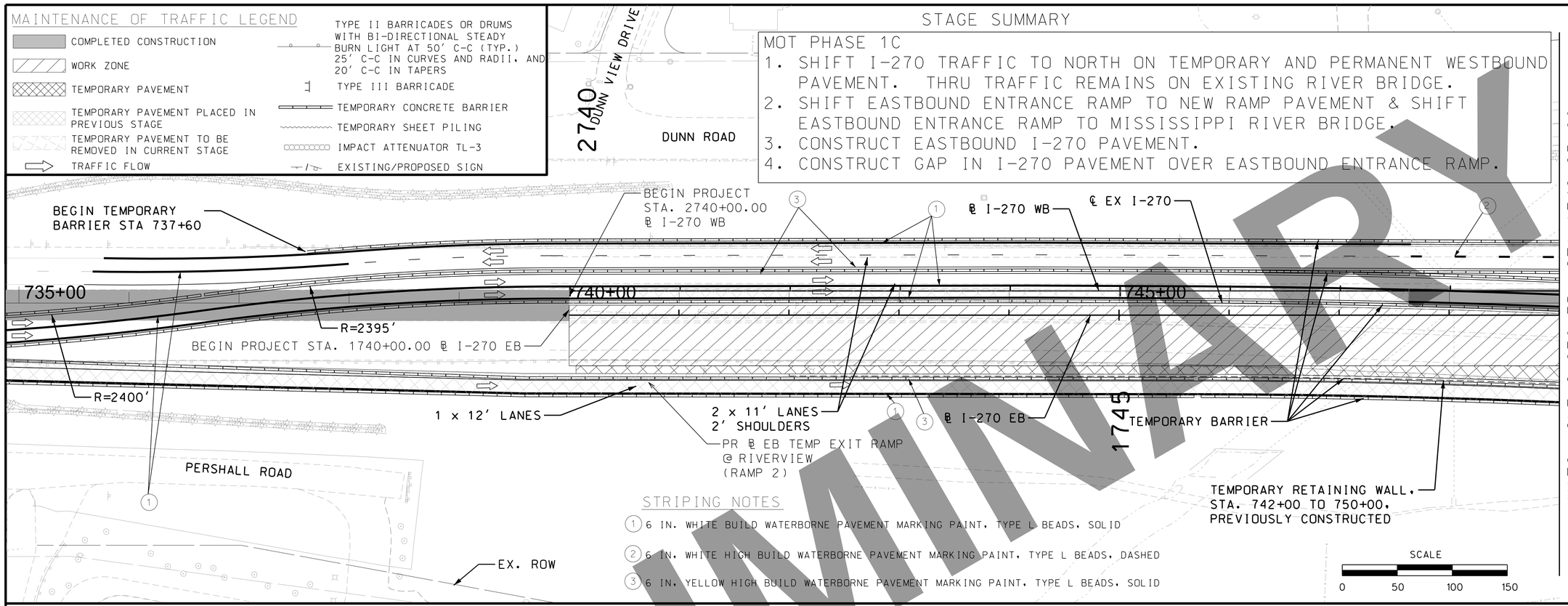
## MAINTENANCE OF TRAFFIC LEGEND

- COMPLETED CONSTRUCTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT TO BE REMOVED IN CURRENT STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY SHEET PILING
- IMPACT ATTENUATOR TL-3
- EXISTING/PROPOSED SIGN

## STAGE SUMMARY

MOT PHASE 1C

1. SHIFT I-270 TRAFFIC TO NORTH ON TEMPORARY AND PERMANENT WESTBOUND PAVEMENT. THRU TRAFFIC REMAINS ON EXISTING RIVER BRIDGE.
2. SHIFT EASTBOUND ENTRANCE RAMP TO NEW RAMP PAVEMENT & SHIFT EASTBOUND ENTRANCE RAMP TO MISSISSIPPI RIVER BRIDGE.
3. CONSTRUCT EASTBOUND I-270 PAVEMENT.
4. CONSTRUCT GAP IN I-270 PAVEMENT OVER EASTBOUND ENTRANCE RAMP.

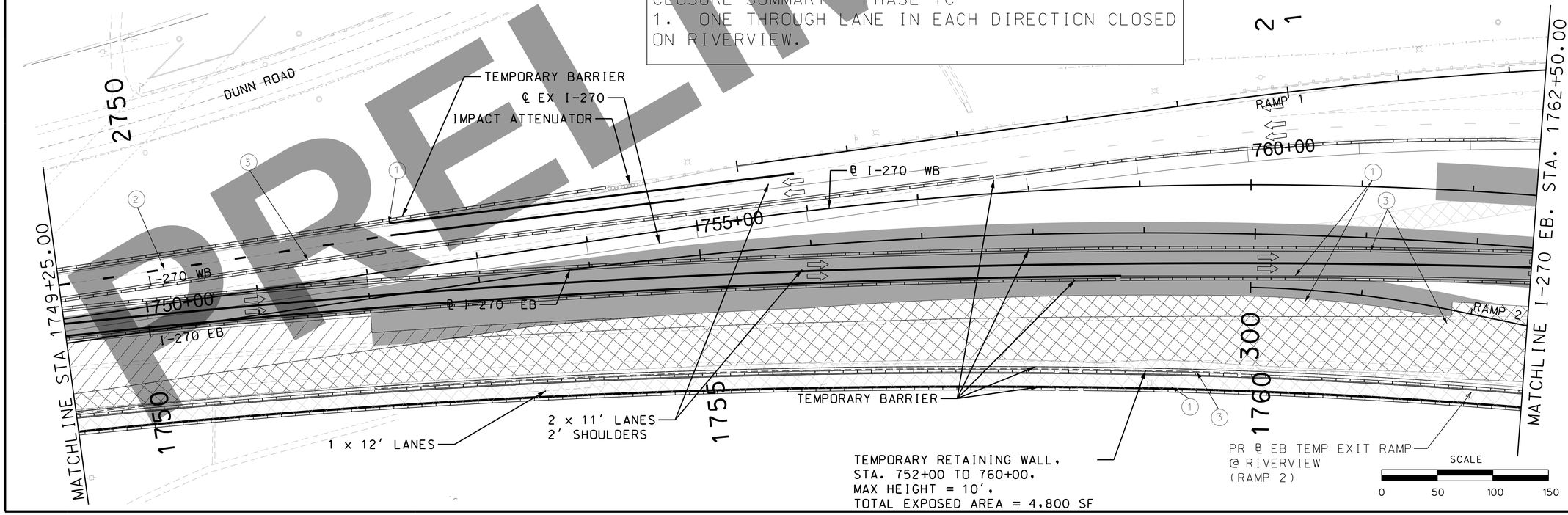



### STRIPING NOTES

1. 6 IN. WHITE BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID
2. 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, DASHED
3. 6 IN. YELLOW HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID

## CLOSURE SUMMARY - PHASE 1C

1. ONE THROUGH LANE IN EACH DIRECTION CLOSED ON RIVERVIEW.




PRELIMINARY

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 63 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS

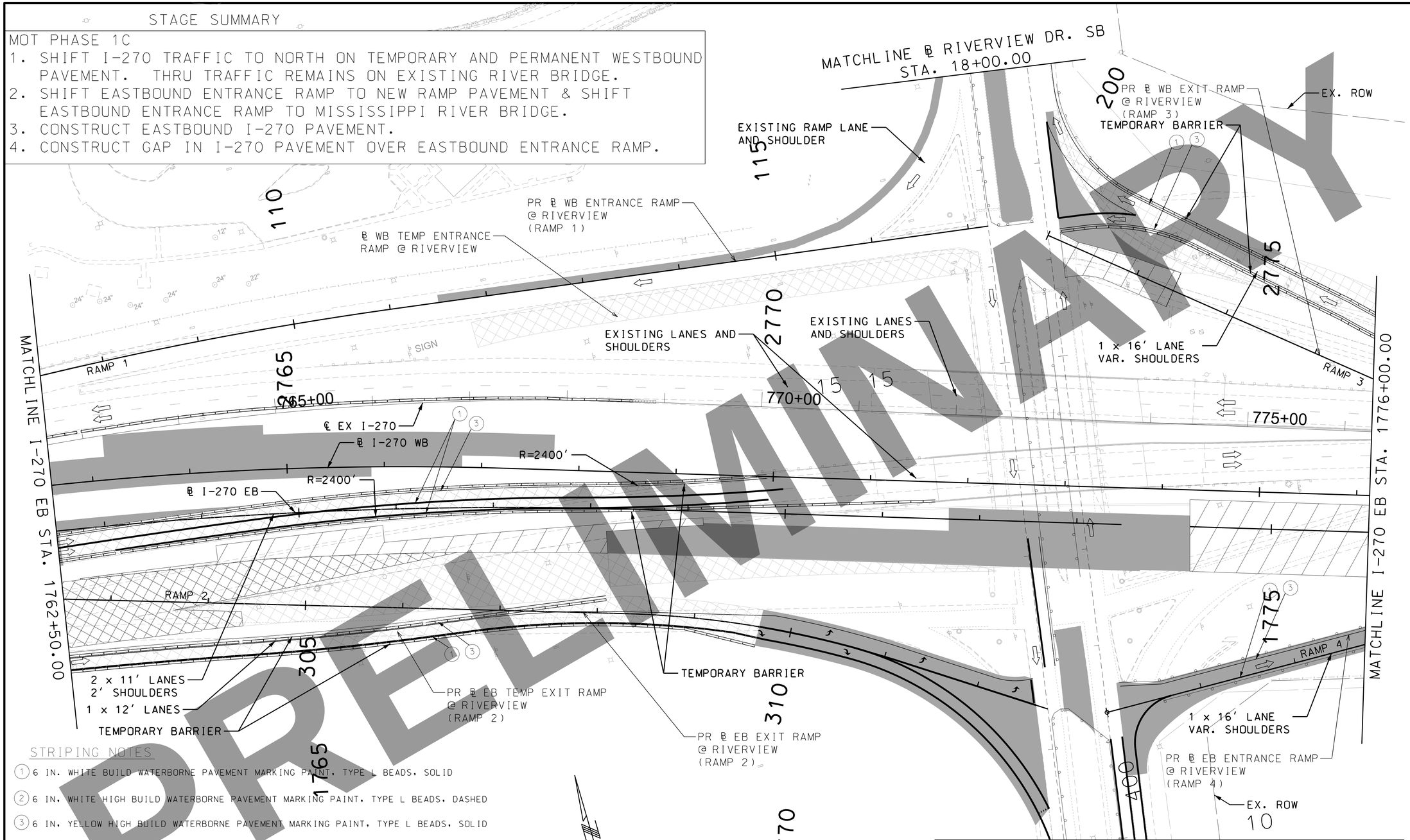
501 MARYVILLE CENTRE DRIVE
SUITE 400, ST. LOUIS, MO 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW DRIVE TRAFFIC CONTROL (PHASE 1C)
SHEET 2 OF 5

## STAGE SUMMARY

MOT PHASE 1C

1. SHIFT I-270 TRAFFIC TO NORTH ON TEMPORARY AND PERMANENT WESTBOUND PAVEMENT. THRU TRAFFIC REMAINS ON EXISTING RIVER BRIDGE.
2. SHIFT EASTBOUND ENTRANCE RAMP TO NEW RAMP PAVEMENT & SHIFT EASTBOUND ENTRANCE RAMP TO MISSISSIPPI RIVER BRIDGE.
3. CONSTRUCT EASTBOUND I-270 PAVEMENT.
4. CONSTRUCT GAP IN I-270 PAVEMENT OVER EASTBOUND ENTRANCE RAMP.




PRELIMINARY

### STRIPING NOTES

1. 6 IN. WHITE BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID
2. 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, DASHED
3. 6 IN. YELLOW HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID

### MAINTENANCE OF TRAFFIC LEGEND

- COMPLETED CONSTRUCTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT TO BE REMOVED IN CURRENT STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY SHEET PILING
- IMPACT ATTENUATOR TL-3
- EXISTING/PROPOSED SIGN

### CLOSURE SUMMARY - PHASE 1C

1. ONE THROUGH LANE IN EACH DIRECTION CLOSED ON RIVERVIEW.

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 64 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

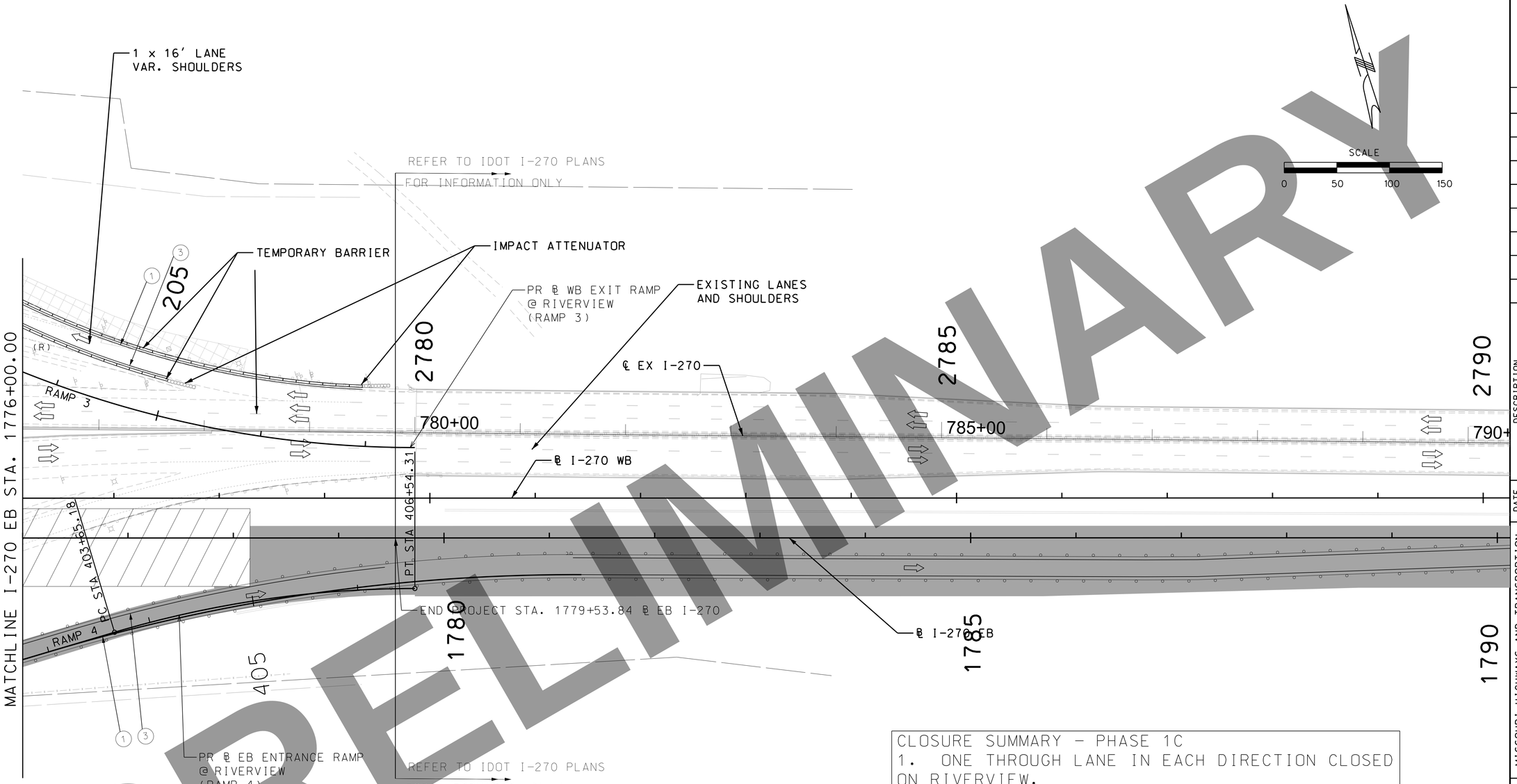
| DESCRIPTION | DATE |
|---|---|

MISSOURI HIGHWAYS AND TRANSPORTION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS
520 MARYSVILLE CENTRE DRIVE
SUITE 400, ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW DRIVE TRAFFIC CONTROL (PHASE 1C)
SHEET 3 OF 5

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.




PRELIMINARY

## STRIPING NOTES

1. 6 IN. WHITE BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID
2. 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, DASHED
3. 6 IN. YELLOW HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID

## MAINTENANCE OF TRAFFIC LEGEND

- COMPLETED CONSTRUCTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT TO BE REMOVED IN CURRENT STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY SHEET PILING
- IMPACT ATTENUATOR TL-3
- EXISTING/PROPOSED SIGN

## CLOSURE SUMMARY - PHASE 1C

1. ONE THROUGH LANE IN EACH DIRECTION CLOSED ON RIVERVIEW.

## STAGE SUMMARY

MOT PHASE 1C

1. SHIFT I-270 TRAFFIC TO NORTH ON TEMPORARY AND PERMANENT WESTBOUND PAVEMENT. THRU TRAFFIC REMAINS ON EXISTING RIVER BRIDGE.
2. SHIFT EASTBOUND ENTRANCE RAMP TO NEW RAMP PAVEMENT & SHIFT EASTBOUND ENTRANCE RAMP TO MISSISSIPPI RIVER BRIDGE.
3. CONSTRUCT EASTBOUND I-270 PAVEMENT.
4. CONSTRUCT GAP IN I-270 PAVEMENT OVER EASTBOUND ENTRANCE RAMP.

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 65 |

COUNTY
ST. LOUIS CITY/
ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
|---|---|
| | |

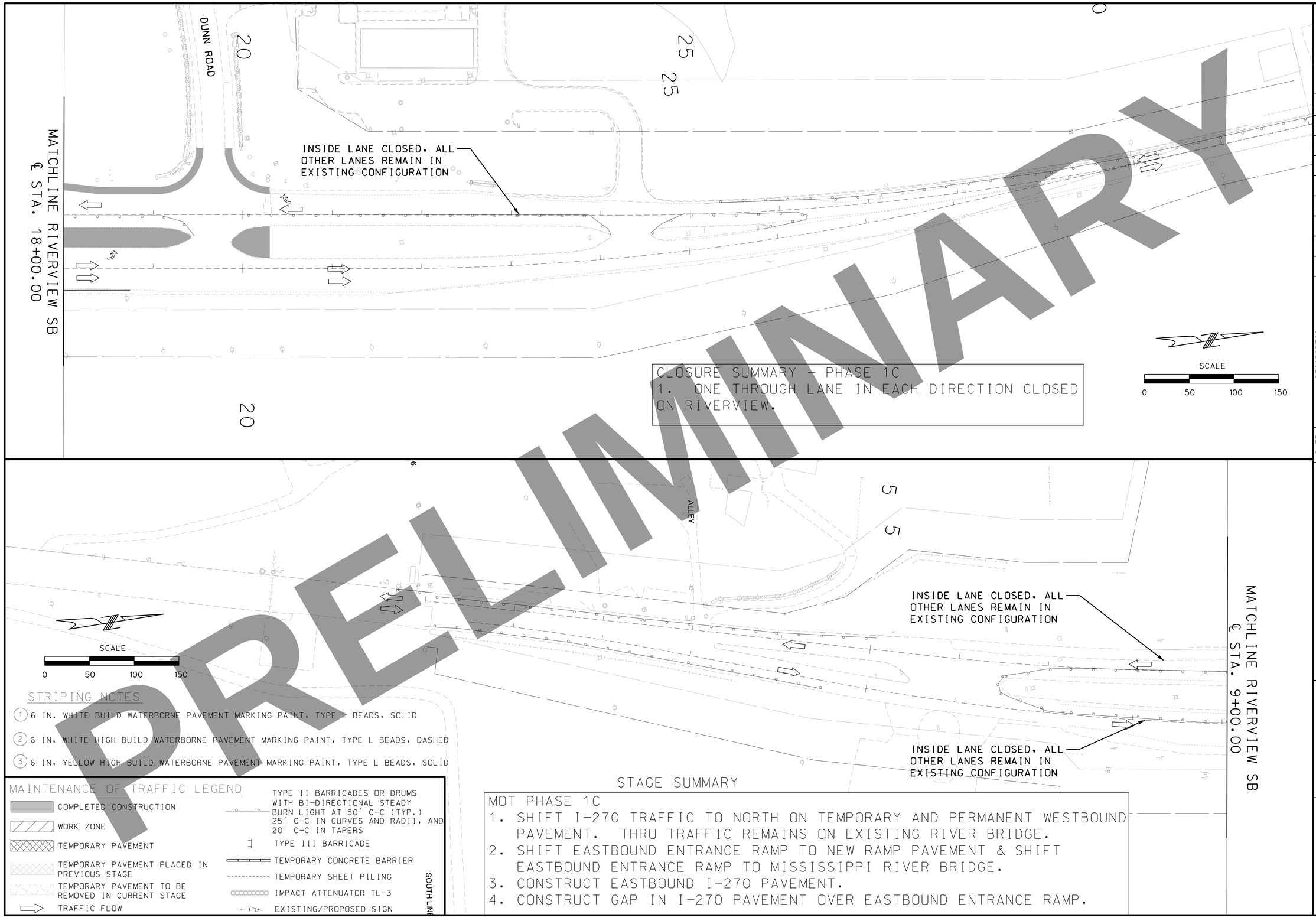
MISSOURI HIGHWAYS AND TRANSPORTION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS
520 MARYVILLE CENTRE DRIVE
SUITE 400 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND
RIVERVIEW DRIVE
TRAFFIC CONTROL
(PHASE 1C)
SHEET 4 OF 5

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.




PRELIMINARY

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 66 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

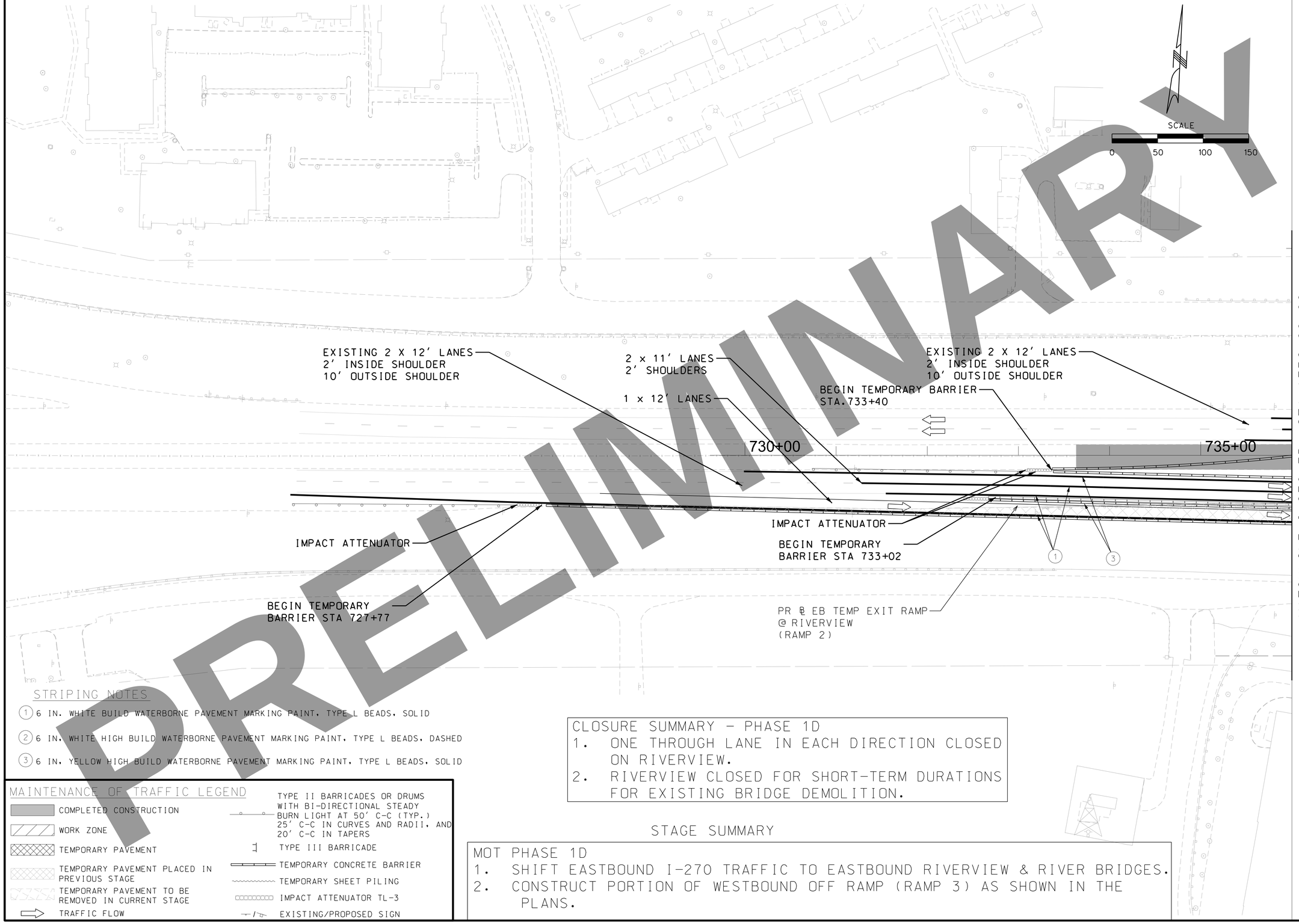
| DESCRIPTION | DATE |
|---|---|

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS
501 MARYVILLE CENTRE DRIVE
SUITE 500 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW DRIVE TRAFFIC CONTROL (PHASE 1C)
SHEET 5 OF 5




PRELIMINARY

## STRIPING NOTES

1. 6 IN. WHITE BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID
2. 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, DASHED
3. 6 IN. YELLOW HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID

## MAINTENANCE OF TRAFFIC LEGEND

- COMPLETED CONSTRUCTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT TO BE REMOVED IN CURRENT STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY SHEET PILING
- IMPACT ATTENUATOR TL-3
- EXISTING/PROPOSED SIGN

## CLOSURE SUMMARY - PHASE 1D

1. ONE THROUGH LANE IN EACH DIRECTION CLOSED ON RIVERVIEW.
2. RIVERVIEW CLOSED FOR SHORT-TERM DURATIONS FOR EXISTING BRIDGE DEMOLITION.

## STAGE SUMMARY

MOT PHASE 1D

1. SHIFT EASTBOUND I-270 TRAFFIC TO EASTBOUND RIVERVIEW & RIVER BRIDGES.
2. CONSTRUCT PORTION OF WESTBOUND OFF RAMP (RAMP 3) AS SHOWN IN THE PLANS.

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 67 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
|---|---|

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS

639 MARYSVILLE CENTRE DRIVE
SUITE 400, ST. LOUIS, MO 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW DRIVE TRAFFIC CONTROL (PHASE 1D)
SHEET 1 OF 5

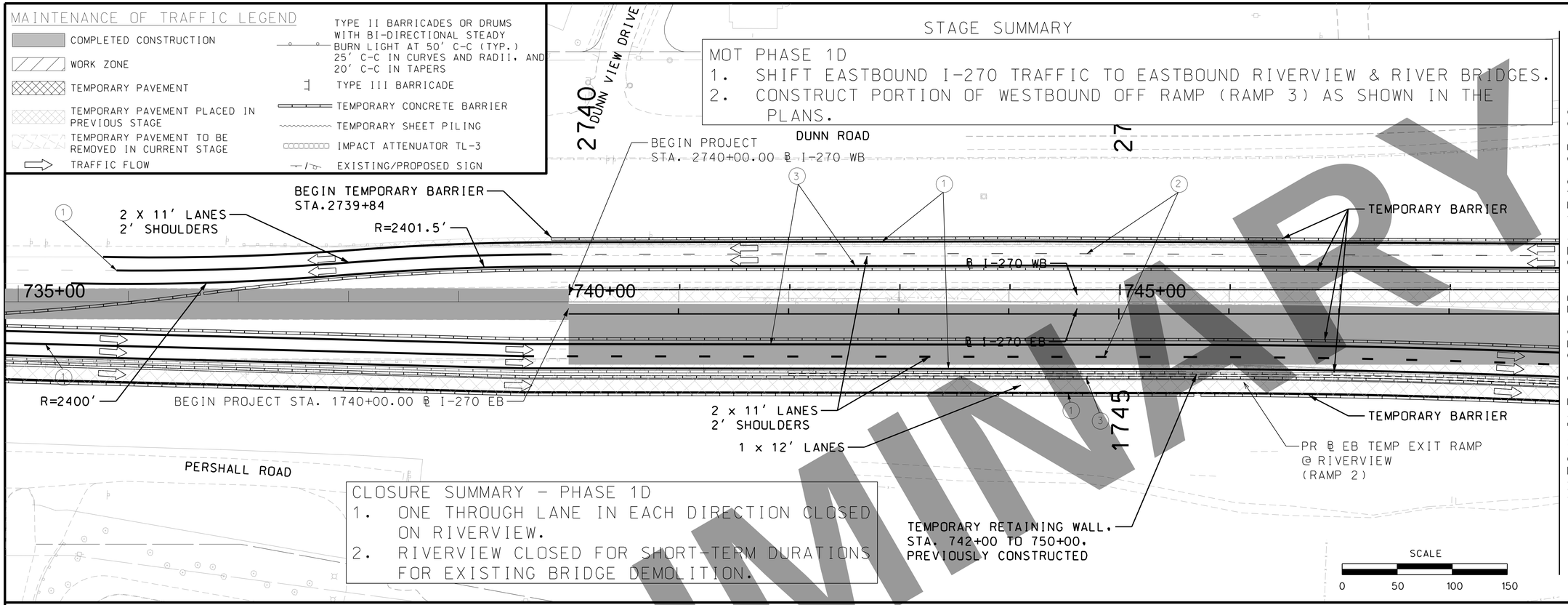
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

## MAINTENANCE OF TRAFFIC LEGEND

- COMPLETED CONSTRUCTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT TO BE REMOVED IN CURRENT STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY SHEET PILING
- IMPACT ATTENUATOR TL-3
- EXISTING/PROPOSED SIGN

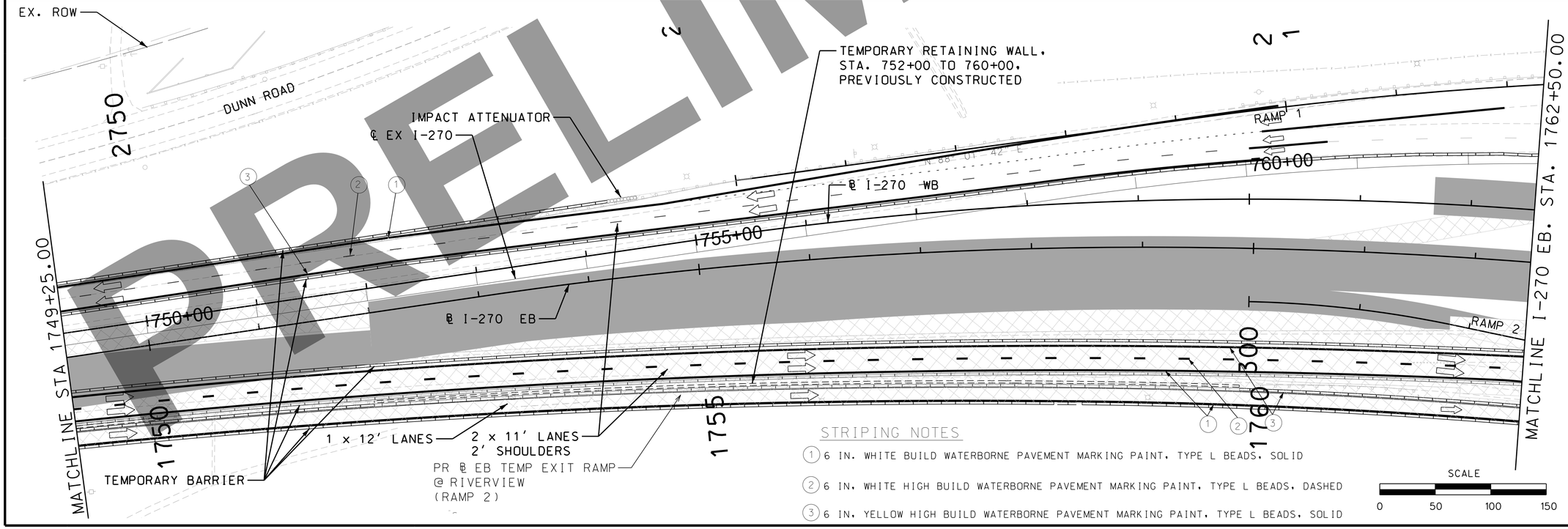
## STAGE SUMMARY

MOT PHASE 1D
1. SHIFT EASTBOUND I-270 TRAFFIC TO EASTBOUND RIVERVIEW & RIVER BRIDGES.
2. CONSTRUCT PORTION OF WESTBOUND OFF RAMP (RAMP 3) AS SHOWN IN THE PLANS.




## CLOSURE SUMMARY - PHASE 1D

1. ONE THROUGH LANE IN EACH DIRECTION CLOSED ON RIVERVIEW.
2. RIVERVIEW CLOSED FOR SHORT-TERM DURATIONS FOR EXISTING BRIDGE DEMOLITION.




## STRIPING NOTES

1. 6 IN. WHITE BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID
2. 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, DASHED
3. 6 IN. YELLOW HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID

PRELIMINARY

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 68 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

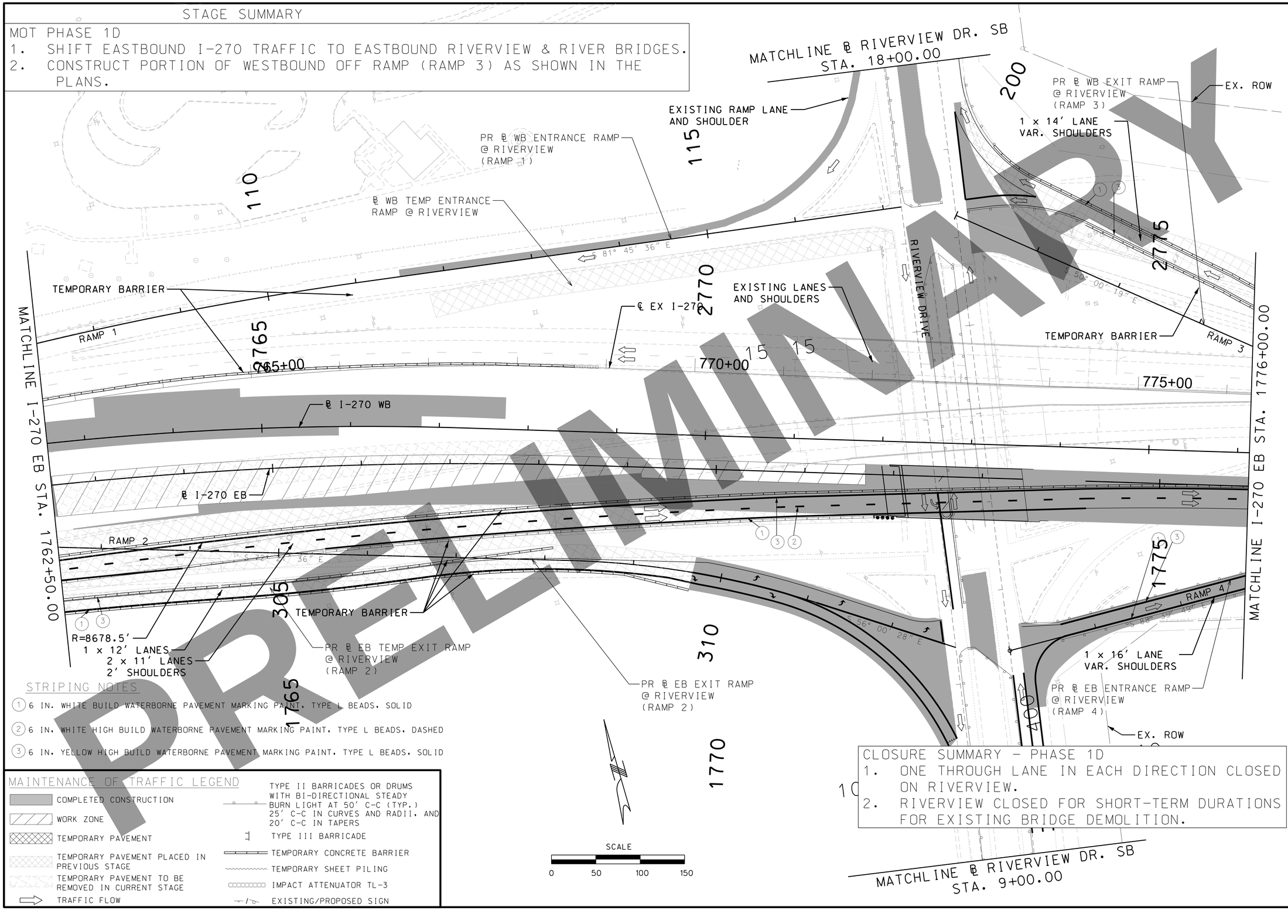
PARSONS


920 MARYSVILLE CENTRE DRIVE
SUITE 400, ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022


I-270 AND
RIVERVIEW DRIVE
TRAFFIC CONTROL
(PHASE 1D)
SHEET 2 OF 5

## STAGE SUMMARY

MOT PHASE 1D
1. SHIFT EASTBOUND I-270 TRAFFIC TO EASTBOUND RIVERVIEW & RIVER BRIDGES.
2. CONSTRUCT PORTION OF WESTBOUND OFF RAMP (RAMP 3) AS SHOWN IN THE PLANS.




### STRIPING NOTES

1. 6 IN. WHITE BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID
2. 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, DASHED
3. 6 IN. YELLOW HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID

### MAINTENANCE OF TRAFFIC LEGEND

- COMPLETED CONSTRUCTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT TO BE REMOVED IN CURRENT STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY SHEET PILING
- IMPACT ATTENUATOR TL-3
- EXISTING/PROPOSED SIGN

SCALE
0 50 100 150

### CLOSURE SUMMARY - PHASE 1D

1. ONE THROUGH LANE IN EACH DIRECTION CLOSED ON RIVERVIEW.
2. RIVERVIEW CLOSED FOR SHORT-TERM DURATIONS FOR EXISTING BRIDGE DEMOLITION.

MATCHLINE ℄ RIVERVIEW DR. SB
STA. 9+00.00

PRELIMINARY

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 69 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

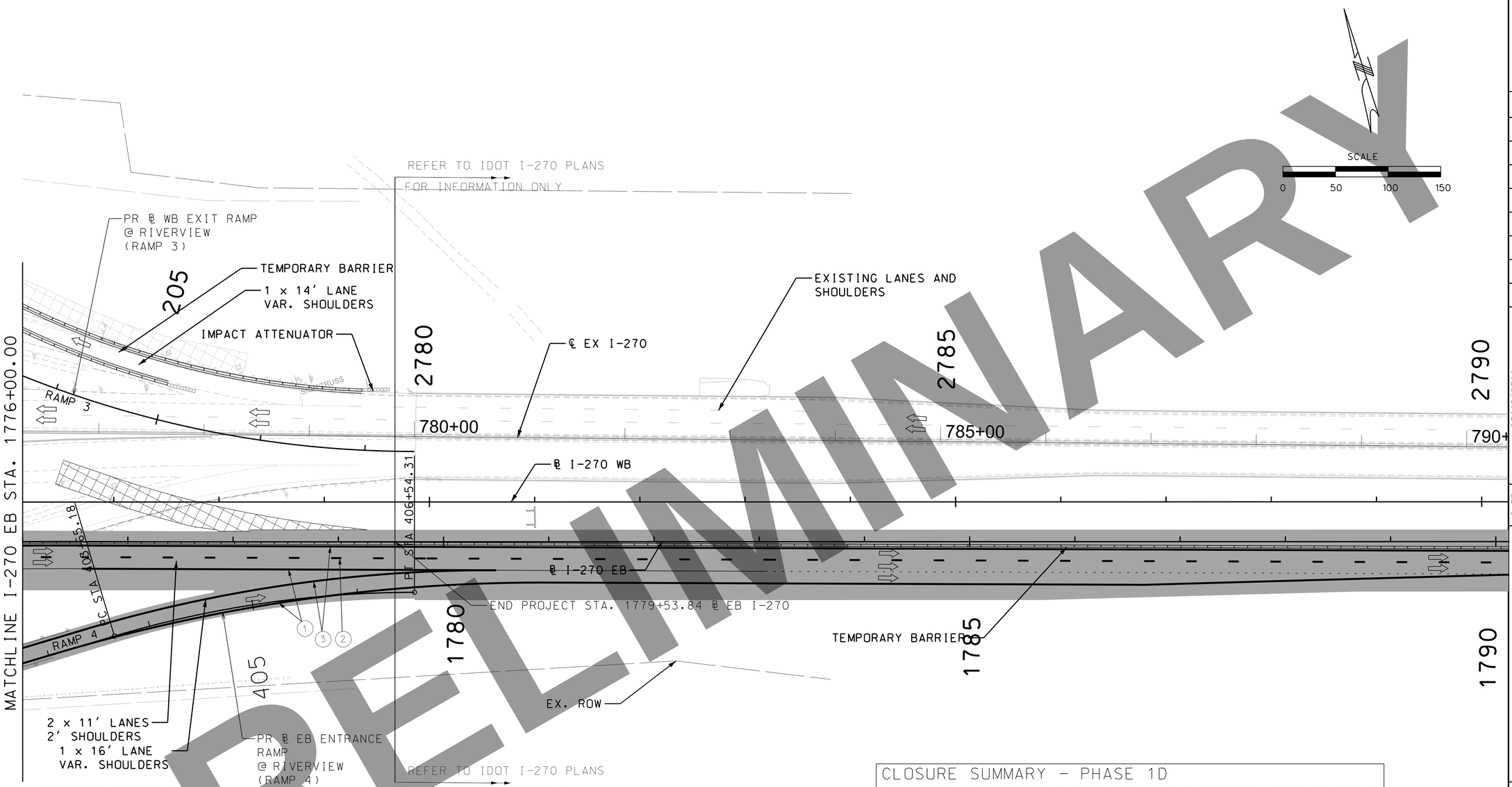
| DATE | DESCRIPTION |
|---|---|

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS
920 MARYVILLE CENTRE DRIVE
SUITE 400 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000429
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW DRIVE TRAFFIC CONTROL (PHASE 1D)
SHEET 3 OF 5




PRELIMINARY

STRIPING NOTES

1. 6 IN. WHITE BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID
2. 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, DASHED
3. 6 IN. YELLOW HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID

MAINTENANCE OF TRAFFIC LEGEND

- COMPLETED CONSTRUCTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT TO BE REMOVED IN CURRENT STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY SHEET PILING
- IMPACT ATTENUATOR TL-3
- EXISTING/PROPOSED SIGN

CLOSURE SUMMARY - PHASE 1D

1. ONE THROUGH LANE IN EACH DIRECTION CLOSED ON RIVERVIEW.
2. RIVERVIEW CLOSED FOR SHORT-TERM DURATIONS FOR EXISTING BRIDGE DEMOLITION.

STAGE SUMMARY

MOT PHASE 1D

1. SHIFT EASTBOUND I-270 TRAFFIC TO EASTBOUND RIVERVIEW & RIVER BRIDGES.
2. CONSTRUCT PORTION OF WESTBOUND OFF RAMP (RAMP 3) AS SHOWN IN THE PLANS.

| DATE | DESCRIPTION |
|---|---|
| | |

DATE PREPARED 3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |

| DISTRICT | SHEET NO. |
|---|---|
| SL | 70 |

COUNTY: ST. LOUIS CITY/ ST. LOUIS

JOB NO. J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

MISSOURI HIGHWAYS AND TRANSPORTION COMMISSION

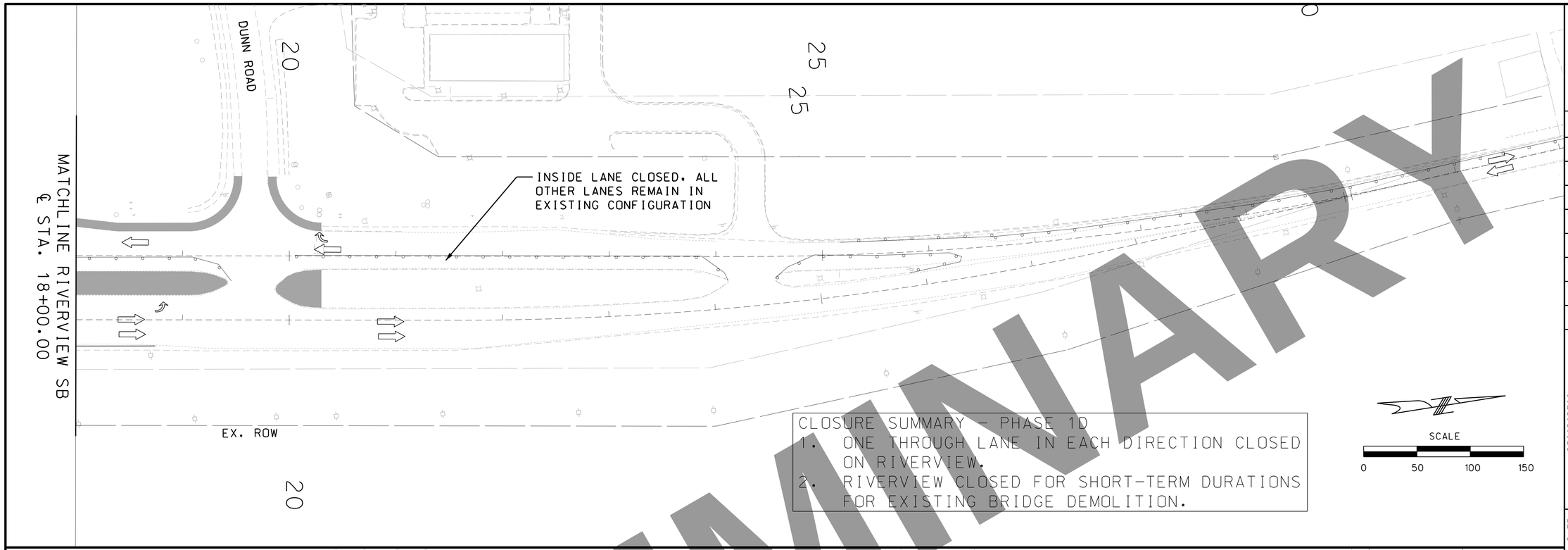
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS

200 MARKSVILLE CENTRE DRIVE
SUITE 400 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

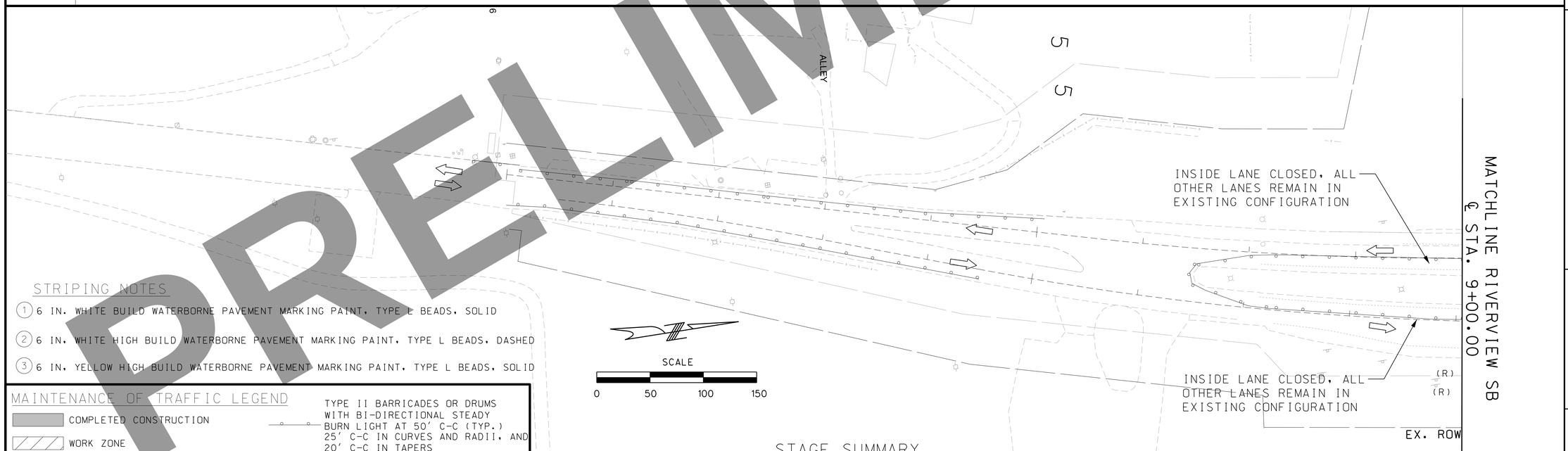
I-270 AND RIVERVIEW DRIVE TRAFFIC CONTROL (PHASE 1D)
SHEET 4 OF 5

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.




CLOSURE SUMMARY - PHASE 1D

1. ONE THROUGH LANE IN EACH DIRECTION CLOSED ON RIVERVIEW.
2. RIVERVIEW CLOSED FOR SHORT-TERM DURATIONS FOR EXISTING BRIDGE DEMOLITION.




STRIPING NOTES

1. 6 IN. WHITE BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID
2. 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, DASHED
3. 6 IN. YELLOW HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID

MAINTENANCE OF TRAFFIC LEGEND

- COMPLETED CONSTRUCTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT TO BE REMOVED IN CURRENT STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY SHEET PILING
- IMPACT ATTENUATOR TL-3
- EXISTING/PROPOSED SIGN

SOUTH LINE

STAGE SUMMARY

MOT PHASE 1D

1. SHIFT EASTBOUND I-270 TRAFFIC TO EASTBOUND RIVERVIEW & RIVER BRIDGES.
2. CONSTRUCT PORTION OF WESTBOUND OFF RAMP (RAMP 3) AS SHOWN IN THE PLANS.

PRELIMINARY

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 71 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

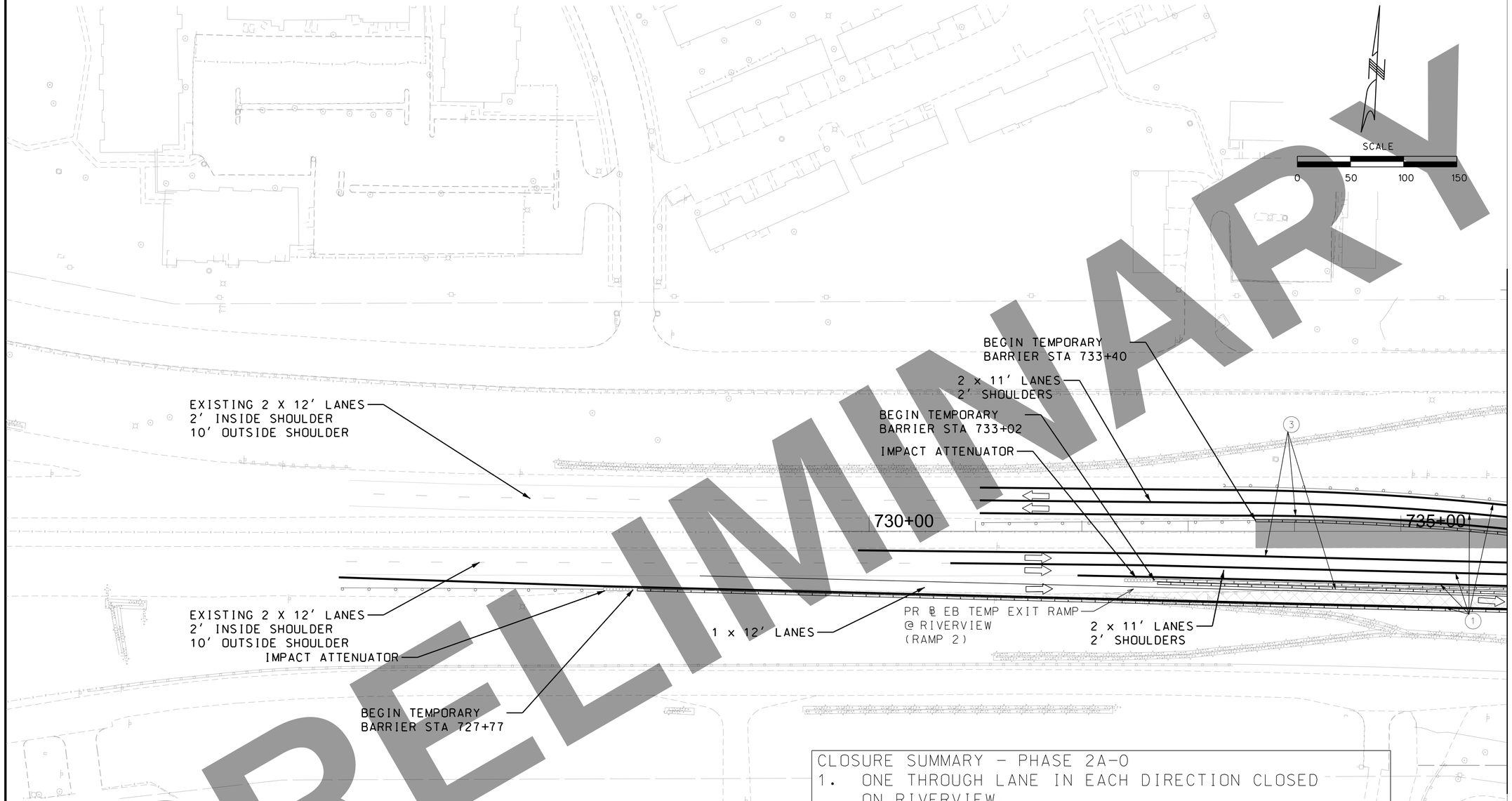
MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS

501 MARYVILLE CENTRE DRIVE
SUITE 400 ST. LOUIS, MO 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW DRIVE TRAFFIC CONTROL (PHASE 1D) SHEET 5 OF 5




PRELIMINARY

## STRIPING NOTES

(1) 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID

(2) 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, DASHED

(3) 6 IN. YELLOW HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID

## MAINTENANCE OF TRAFFIC LEGEND

- COMPLETED CONSTRUCTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT TO BE REMOVED IN CURRENT STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY SHEET PILING
- IMPACT ATTENUATOR TL-3
- EXISTING/PROPOSED SIGN

CLOSURE SUMMARY - PHASE 2A-O

1. ONE THROUGH LANE IN EACH DIRECTION CLOSED ON RIVERVIEW.
2. CLOSE RAMPS 1 AND 3, DO NOT CLOSE CONCURRENTLY.

## STAGE SUMMARY

MOT PHASE 2A-O

1. CLOSE WESTBOUND ON AND OFF RAMPS (RAMP 1 AND 3) AND START DETOURS
2. CONSTRUCT REMAINING RAMP 1 AND 3 TEMPORARY CONNECTIONS
3. SHIFT WESTBOUND I-270 TRAFFIC TO NEW BRIDGES AND PREVIOUSLY CONSTRUCTED PAVEMENT. ALL THRU TRAFFIC ON NEW BRIDGES.
4. DEMOLISH EXISTING RIVER BRIDGE AND RIVERVIEW DRIVE BRIDGES
5. CONSTRUCT NEW WESTBOUND RIVER AND RIVERVIEW DRIVE BRIDGES.
6. CONSTRUCT WESTBOUND I-270 PAVEMENT AS SHOWN IN THE PLANS.

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 72 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
|---|---|

MISSOURI HIGHWAYS AND TRANSPORTION COMMISSION

MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS
500 MARYSVILLE CENTRE DRIVE
SUITE 450 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW DRIVE TRAFFIC CONTROL (PHASE 2A-O) SHEET 1 OF 5

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

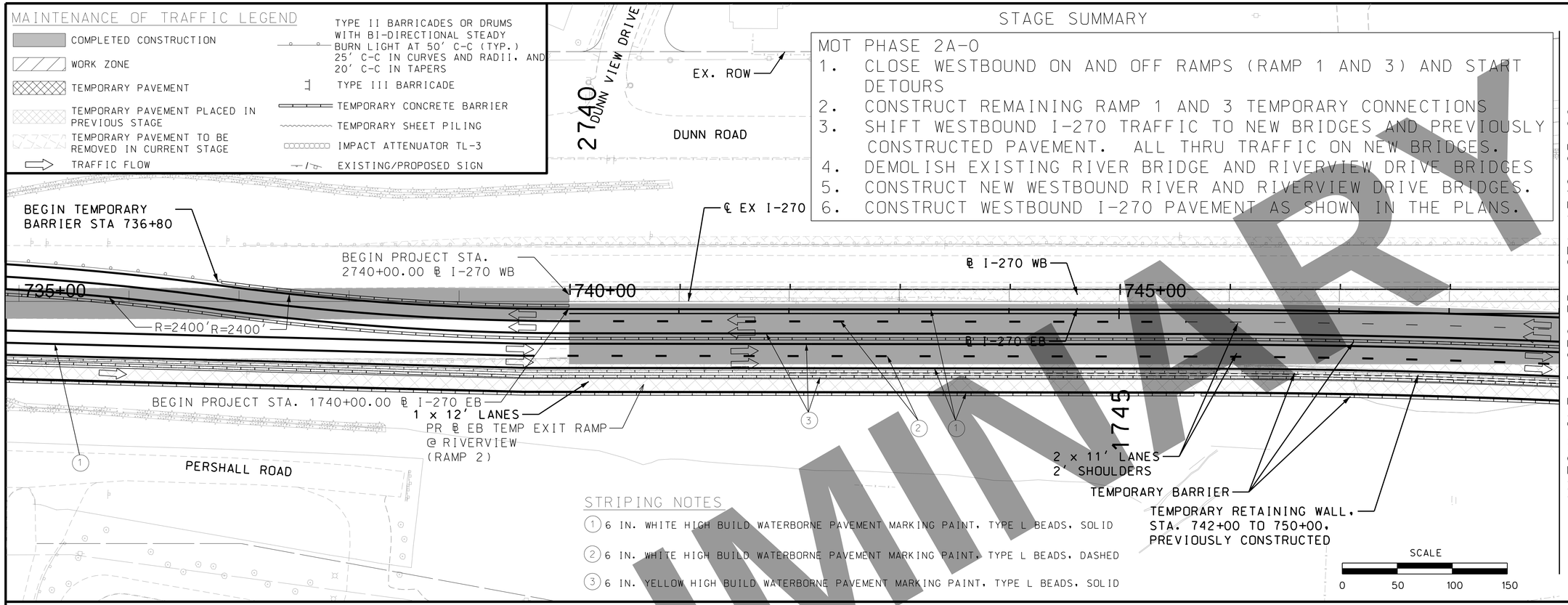
## MAINTENANCE OF TRAFFIC LEGEND

- COMPLETED CONSTRUCTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT TO BE REMOVED IN CURRENT STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY SHEET PILING
- IMPACT ATTENUATOR TL-3
- EXISTING/PROPOSED SIGN

## STAGE SUMMARY

MOT PHASE 2A-0

1. CLOSE WESTBOUND ON AND OFF RAMPS (RAMP 1 AND 3) AND START DETOURS
2. CONSTRUCT REMAINING RAMP 1 AND 3 TEMPORARY CONNECTIONS
3. SHIFT WESTBOUND I-270 TRAFFIC TO NEW BRIDGES AND PREVIOUSLY CONSTRUCTED PAVEMENT. ALL THRU TRAFFIC ON NEW BRIDGES.
4. DEMOLISH EXISTING RIVER BRIDGE AND RIVERVIEW DRIVE BRIDGES
5. CONSTRUCT NEW WESTBOUND RIVER AND RIVERVIEW DRIVE BRIDGES.
6. CONSTRUCT WESTBOUND I-270 PAVEMENT AS SHOWN IN THE PLANS.

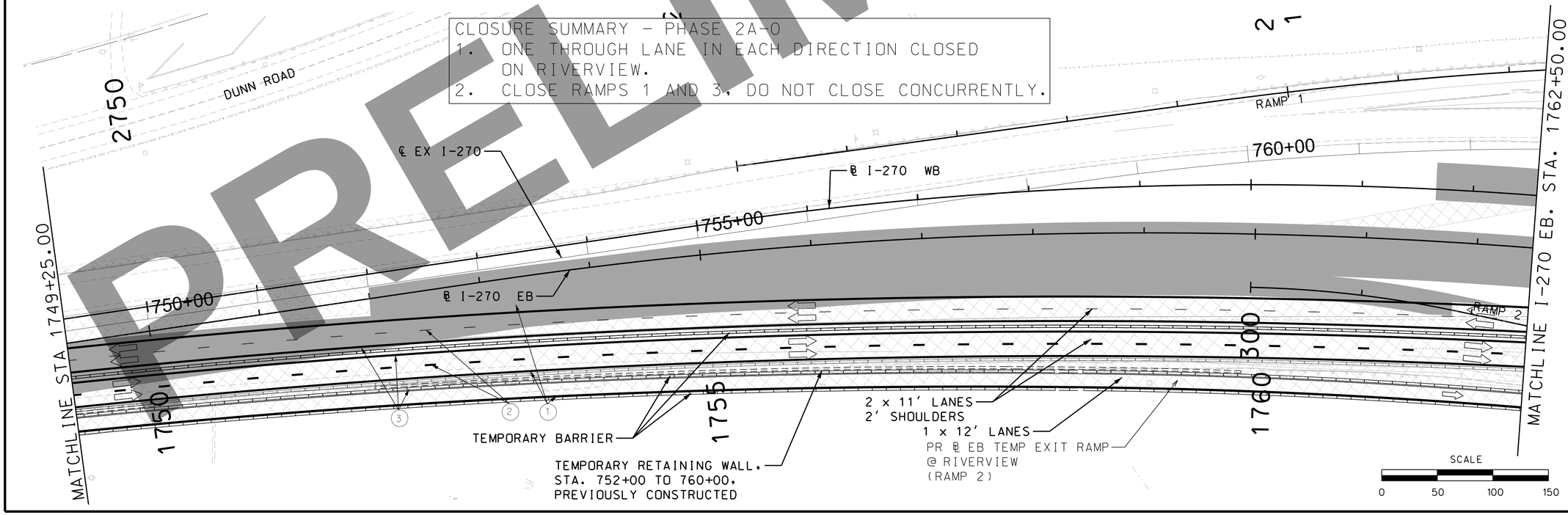



## STRIPING NOTES

1. 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID
2. 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, DASHED
3. 6 IN. YELLOW HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID

## CLOSURE SUMMARY - PHASE 2A-0

1. ONE THROUGH LANE IN EACH DIRECTION CLOSED ON RIVERVIEW.
2. CLOSE RAMPS 1 AND 3, DO NOT CLOSE CONCURRENTLY.




PRELIMINARY

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 73 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS

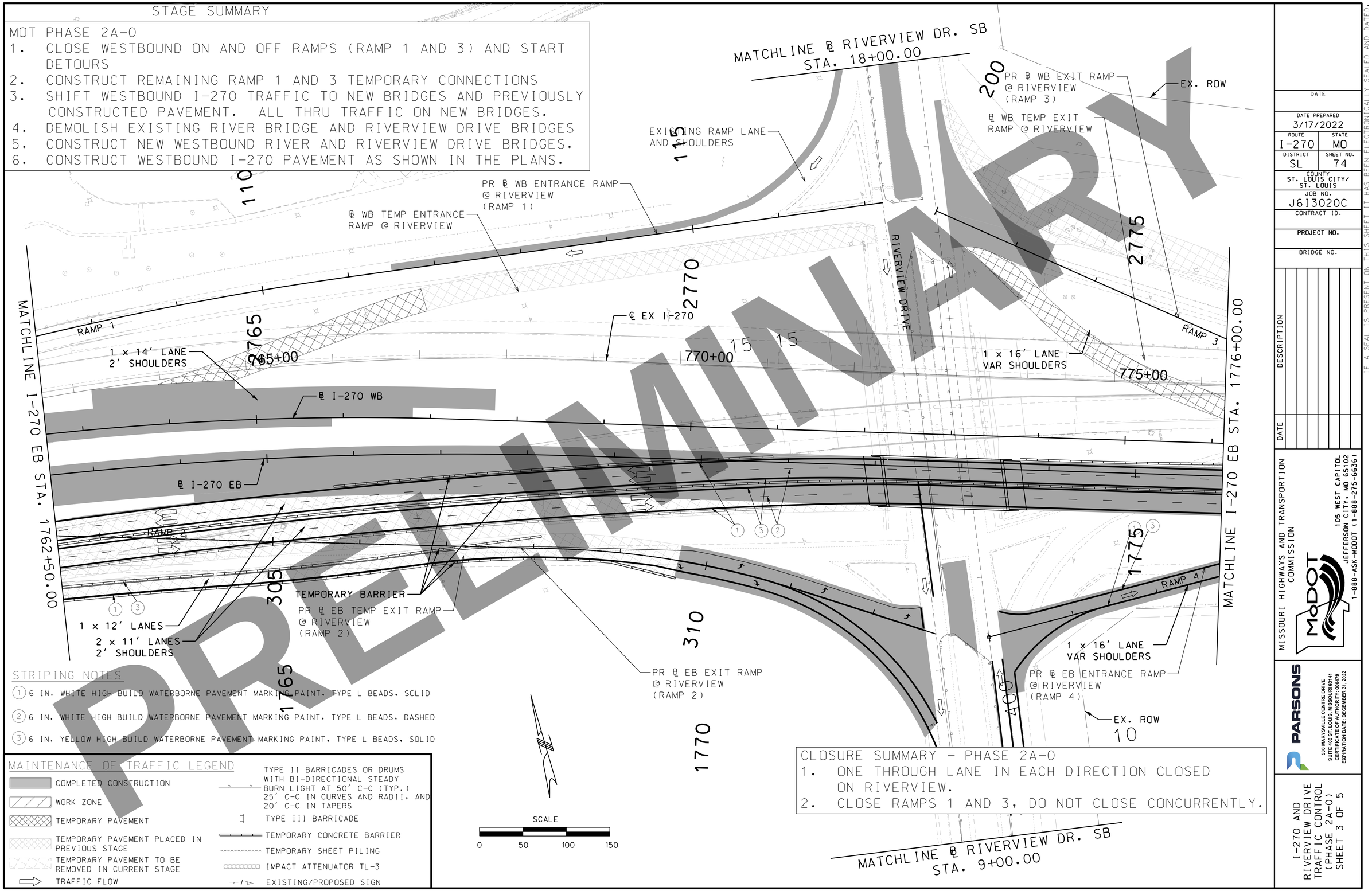

920 MARYSVILLE CENTRE DRIVE
SUITE 400 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022


I-270 AND
RIVERVIEW DRIVE
TRAFFIC CONTROL
(PHASE 2A-0)
SHEET 2 OF 5

## STAGE SUMMARY

MOT PHASE 2A-O

1. CLOSE WESTBOUND ON AND OFF RAMPS (RAMP 1 AND 3) AND START DETOURS
2. CONSTRUCT REMAINING RAMP 1 AND 3 TEMPORARY CONNECTIONS
3. SHIFT WESTBOUND I-270 TRAFFIC TO NEW BRIDGES AND PREVIOUSLY CONSTRUCTED PAVEMENT. ALL THRU TRAFFIC ON NEW BRIDGES.
4. DEMOLISH EXISTING RIVER BRIDGE AND RIVERVIEW DRIVE BRIDGES
5. CONSTRUCT NEW WESTBOUND RIVER AND RIVERVIEW DRIVE BRIDGES.
6. CONSTRUCT WESTBOUND I-270 PAVEMENT AS SHOWN IN THE PLANS.




### STRIPING NOTES

1. 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID
2. 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, DASHED
3. 6 IN. YELLOW HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID

### MAINTENANCE OF TRAFFIC LEGEND

- COMPLETED CONSTRUCTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT TO BE REMOVED IN CURRENT STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY SHEET PILING
- IMPACT ATTENUATOR TL-3
- EXISTING/PROPOSED SIGN

### CLOSURE SUMMARY - PHASE 2A-O

1. ONE THROUGH LANE IN EACH DIRECTION CLOSED ON RIVERVIEW.
2. CLOSE RAMPS 1 AND 3, DO NOT CLOSE CONCURRENTLY.

PRELIMINARY

DATE

DATE PREPARED 3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 74 |

COUNTY: ST. LOUIS CITY/ ST. LOUIS

JOB NO. J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
|---|---|

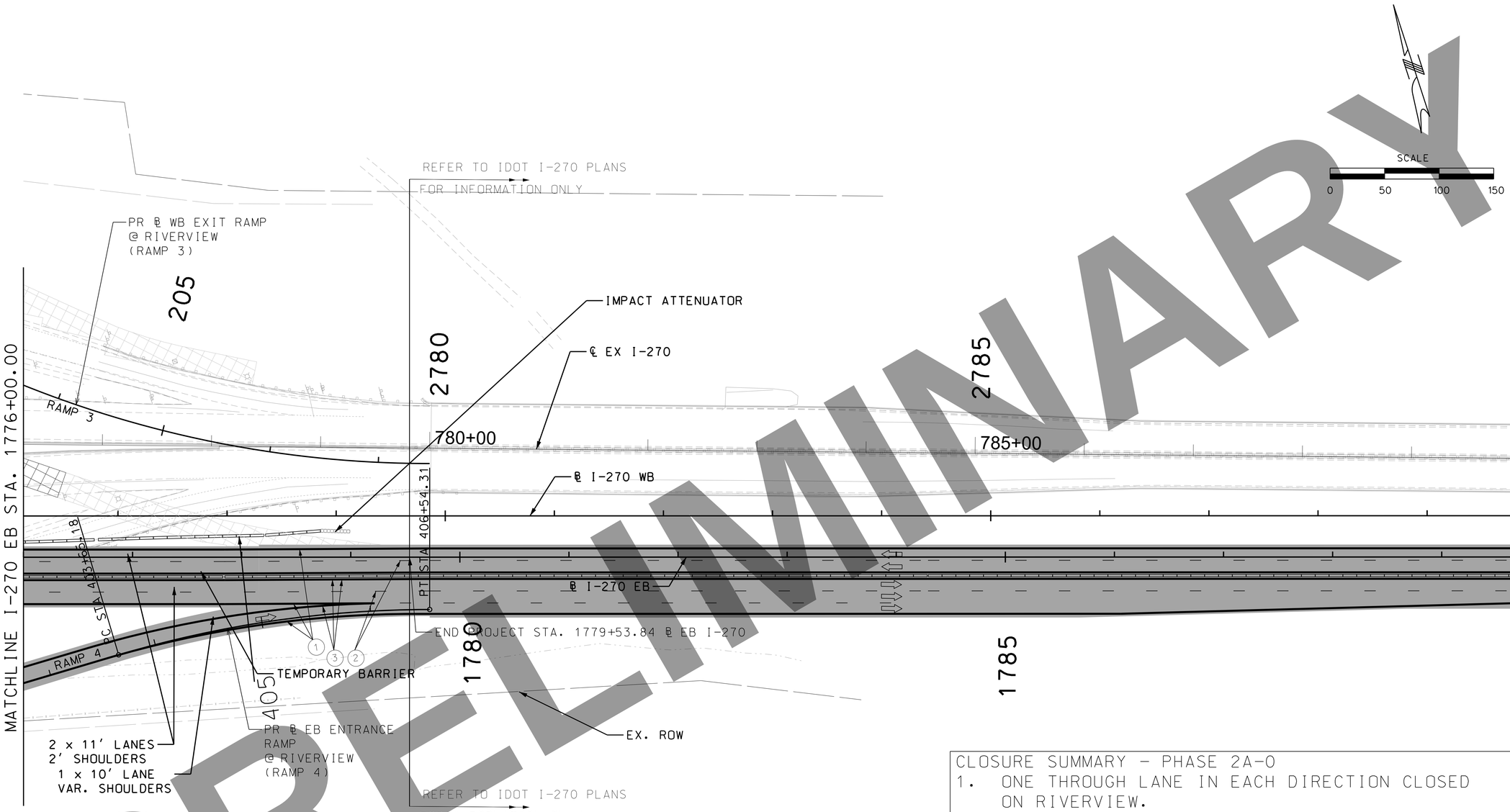
MISSOURI HIGHWAYS AND TRANSPORTION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS
520 MARYVILLE CENTRE DRIVE
SUITE 400 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW DRIVE TRAFFIC CONTROL (PHASE 2A-O)
SHEET 3 OF 5

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

PRELIMINARY




STRIPING NOTES

1. 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID
2. 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, DASHED
3. 6 IN. YELLOW HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID

MAINTENANCE OF TRAFFIC LEGEND

- COMPLETED CONSTRUCTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT TO BE REMOVED IN CURRENT STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY SHEET PILING
- IMPACT ATTENUATOR TL-3
- EXISTING/PROPOSED SIGN

CLOSURE SUMMARY - PHASE 2A-O

1. ONE THROUGH LANE IN EACH DIRECTION CLOSED ON RIVERVIEW.
2. CLOSE RAMPS 1 AND 3, DO NOT CLOSE CONCURRENTLY.

STAGE SUMMARY

MOT PHASE 2A-O

1. CLOSE WESTBOUND ON AND OFF RAMPS (RAMP 1 AND 3) AND START DETOURS
2. CONSTRUCT REMAINING RAMP 1 AND 3 TEMPORARY CONNECTIONS
3. SHIFT WESTBOUND I-270 TRAFFIC TO NEW BRIDGES AND PREVIOUSLY CONSTRUCTED PAVEMENT. ALL THRU TRAFFIC ON NEW BRIDGES.
4. DEMOLISH EXISTING RIVER BRIDGE AND RIVERVIEW DRIVE BRIDGES
5. CONSTRUCT NEW WESTBOUND RIVER AND RIVERVIEW DRIVE BRIDGES.
6. CONSTRUCT WESTBOUND I-270 PAVEMENT AS SHOWN IN THE PLANS.

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 75 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

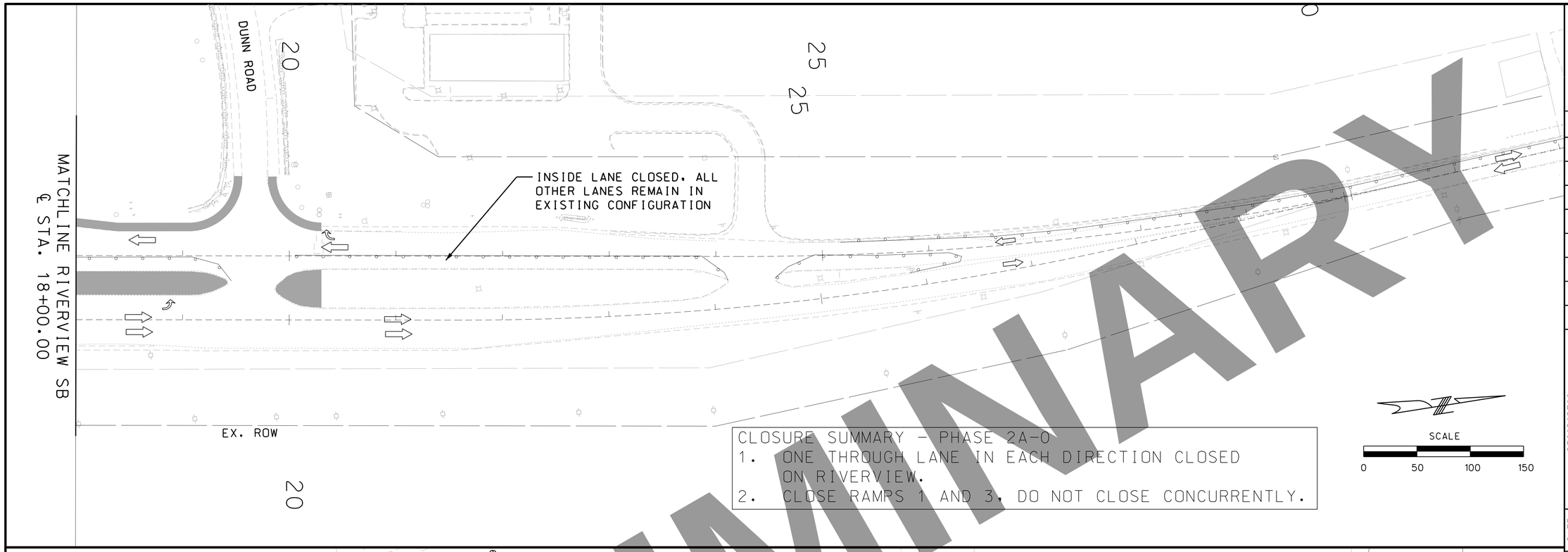
| DESCRIPTION | DATE |
|---|---|

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

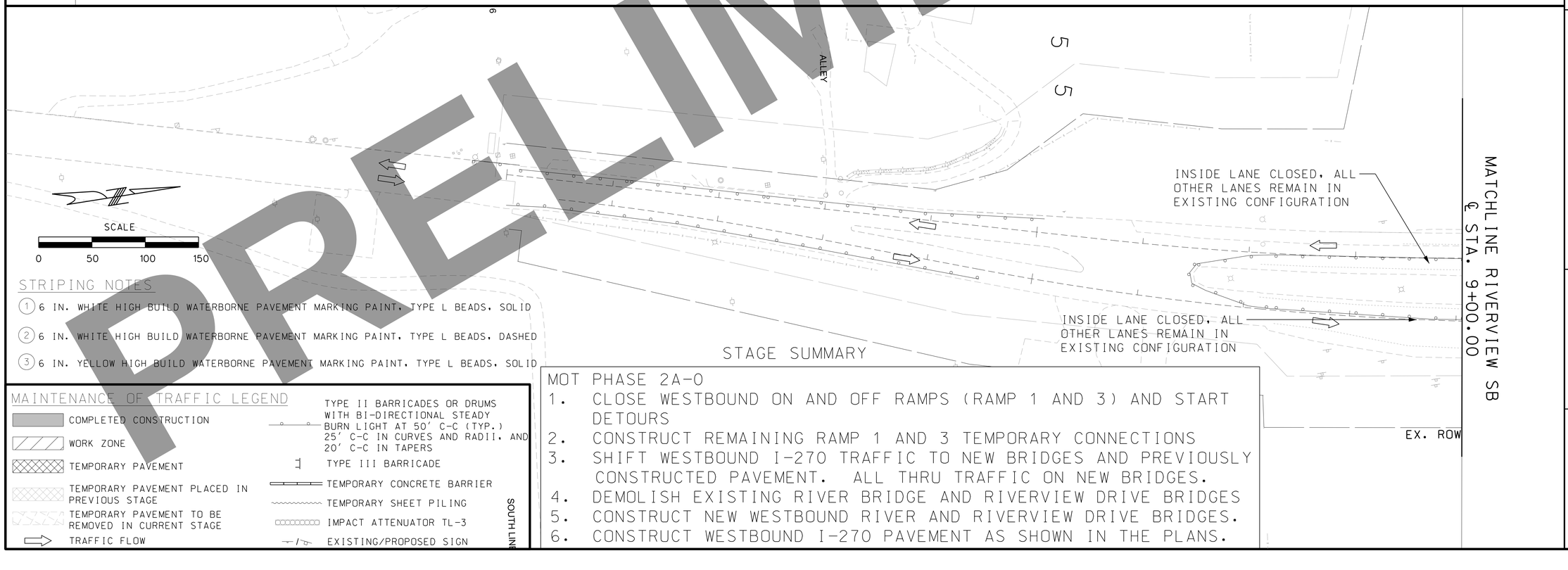
PARSONS
520 MARYVILLE CENTRE DRIVE
SUITE 400 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW DRIVE TRAFFIC CONTROL (PHASE 2A-O)
SHEET 4 OF 5




CLOSURE SUMMARY - PHASE 2A-O

1. ONE THROUGH LANE IN EACH DIRECTION CLOSED ON RIVERVIEW.
2. CLOSE RAMPS 1 AND 3, DO NOT CLOSE CONCURRENTLY.




STRIPING NOTES

1. 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID
2. 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, DASHED
3. 6 IN. YELLOW HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID

MAINTENANCE OF TRAFFIC LEGEND

- COMPLETED CONSTRUCTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT TO BE REMOVED IN CURRENT STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY SHEET PILING
- IMPACT ATTENUATOR TL-3
- EXISTING/PROPOSED SIGN

SOUTH LINE

STAGE SUMMARY

MOT PHASE 2A-O

1. CLOSE WESTBOUND ON AND OFF RAMPS (RAMP 1 AND 3) AND START DETOURS
2. CONSTRUCT REMAINING RAMP 1 AND 3 TEMPORARY CONNECTIONS
3. SHIFT WESTBOUND I-270 TRAFFIC TO NEW BRIDGES AND PREVIOUSLY CONSTRUCTED PAVEMENT. ALL THRU TRAFFIC ON NEW BRIDGES.
4. DEMOLISH EXISTING RIVER BRIDGE AND RIVERVIEW DRIVE BRIDGES
5. CONSTRUCT NEW WESTBOUND RIVER AND RIVERVIEW DRIVE BRIDGES.
6. CONSTRUCT WESTBOUND I-270 PAVEMENT AS SHOWN IN THE PLANS.

PRELIMINARY

DATE

DATE PREPARED 3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 76 |

COUNTY: ST. LOUIS CITY/ ST. LOUIS

JOB NO. J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | DESCRIPTION |
|---|---|

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS
501 MARYVILLE CENTRE DRIVE
SUITE 501, ST. LOUIS, MO 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW DRIVE TRAFFIC CONTROL (PHASE 2A-O) SHEET 5 OF 5

CLOSURE SUMMARY - PHASE 2A
1. ONE THROUGH LANE IN EACH DIRECTION CLOSED ON RIVERVIEW.
2. RIVERVIEW CLOSED FOR SHORT-TERM DURATIONS FOR BEAM SETTING.

SCALE
0 50 100 150

EXISTING 2 X 12' LANES
2' INSIDE SHOULDER
10' OUTSIDE SHOULDER

BEGIN TEMPORARY BARRIER
STA. 2733+40

2 x 11' LANES
2' SHOULDERS

730+00

735+00

EXISTING 2 X 12' LANES
2' INSIDE SHOULDER
10' OUTSIDE SHOULDER

IMPACT ATTENUATOR

BEGIN TEMPORARY
BARRIER STA 727+77

PR & EB TEMP EXIT RAMP
@ RIVERVIEW
(RAMP 2)

1 x 12' LANES

2 x 11' LANES
2' SHOULDERS

MATCHLINE I-270 EB. STA 1736+00.00

PRELIMINARY

STRIPING NOTES
(1) 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID
(2) 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, DASHED
(3) 6 IN. YELLOW HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID

MAINTENANCE OF TRAFFIC LEGEND
- COMPLETED CONSTRUCTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT TO BE REMOVED IN CURRENT STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY SHEET PILING
- IMPACT ATTENUATOR TL-3
- EXISTING/PROPOSED SIGN

STAGE SUMMARY

MOT PHASE 2A
1. SHIFT WESTBOUND I-270 TRAFFIC TO NEW BRIDGES AND PREVIOUSLY CONSTRUCTED PAVEMENT. ALL THRU TRAFFIC ON NEW BRIDGES.
2. DEMOLISH EXISTING RIVER BRIDGE AND RIVERVIEW DRIVE BRIDGES
3. CONSTRUCT NEW WESTBOUND RIVER AND RIVERVIEW DRIVE BRIDGES.
4. CONSTRUCT WESTBOUND PAVEMENT AS SHOWN IN THE PLANS.

DATE
DATE PREPARED 3/17/2022
ROUTE I-270 | STATE MO
DISTRICT SL | SHEET NO. 77
COUNTY ST. LOUIS CITY/ ST. LOUIS
JOB NO. J6I3020C
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

| DATE | DESCRIPTION |
|---|---|


MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS
500 MARKSVILLE CENTRE DRIVE
SUITE 400 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022


I-270 AND RIVERVIEW DRIVE TRAFFIC CONTROL (PHASE 2A)
SHEET 1 OF 5

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

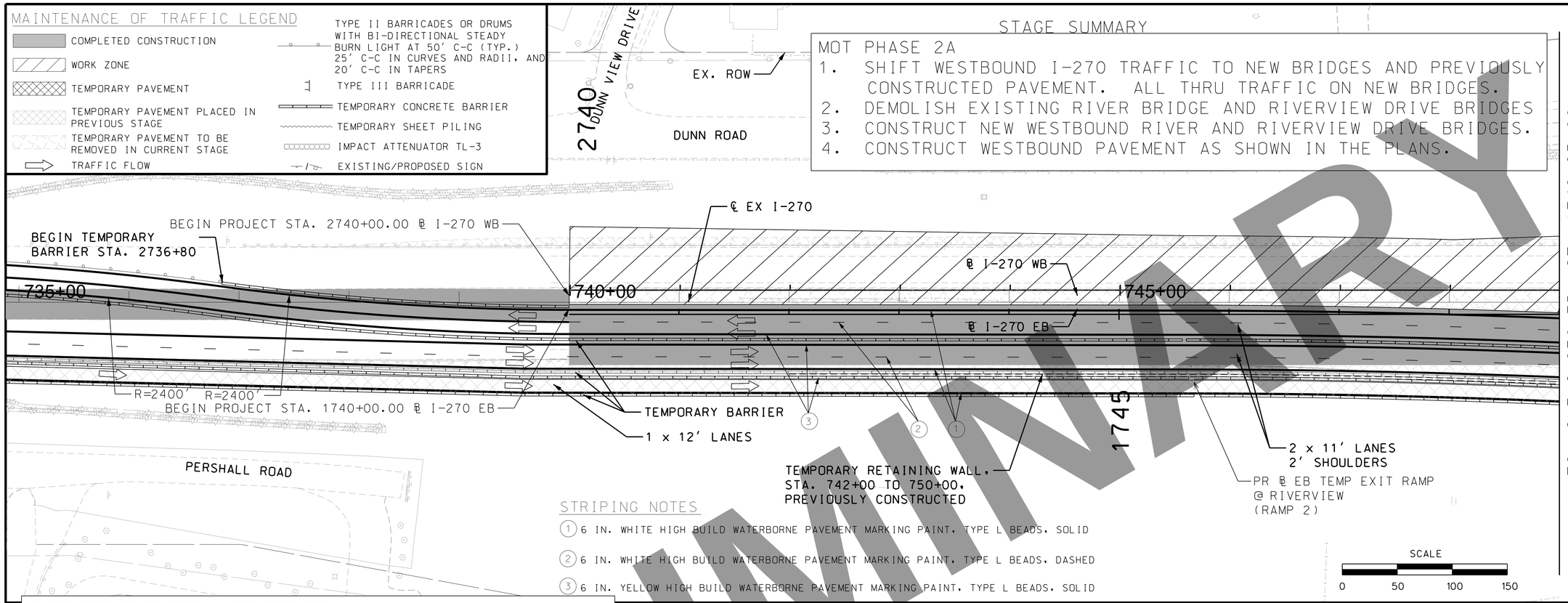
## MAINTENANCE OF TRAFFIC LEGEND

- COMPLETED CONSTRUCTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT TO BE REMOVED IN CURRENT STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY SHEET PILING
- IMPACT ATTENUATOR TL-3
- EXISTING/PROPOSED SIGN

## STAGE SUMMARY

MOT PHASE 2A

1. SHIFT WESTBOUND I-270 TRAFFIC TO NEW BRIDGES AND PREVIOUSLY CONSTRUCTED PAVEMENT. ALL THRU TRAFFIC ON NEW BRIDGES.
2. DEMOLISH EXISTING RIVER BRIDGE AND RIVERVIEW DRIVE BRIDGES
3. CONSTRUCT NEW WESTBOUND RIVER AND RIVERVIEW DRIVE BRIDGES.
4. CONSTRUCT WESTBOUND PAVEMENT AS SHOWN IN THE PLANS.

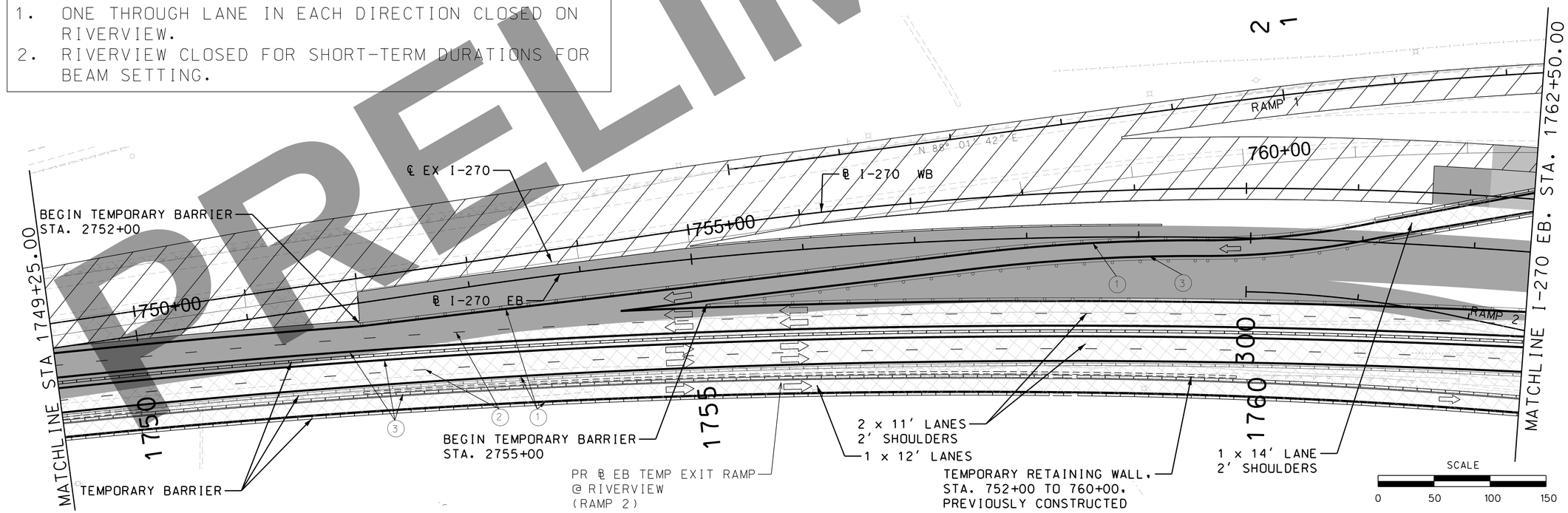



## STRIPING NOTES

1. 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID
2. 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, DASHED
3. 6 IN. YELLOW HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID

## CLOSURE SUMMARY - PHASE 2A

1. ONE THROUGH LANE IN EACH DIRECTION CLOSED ON RIVERVIEW.
2. RIVERVIEW CLOSED FOR SHORT-TERM DURATIONS FOR BEAM SETTING.




PRELIMINARY

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 78 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS

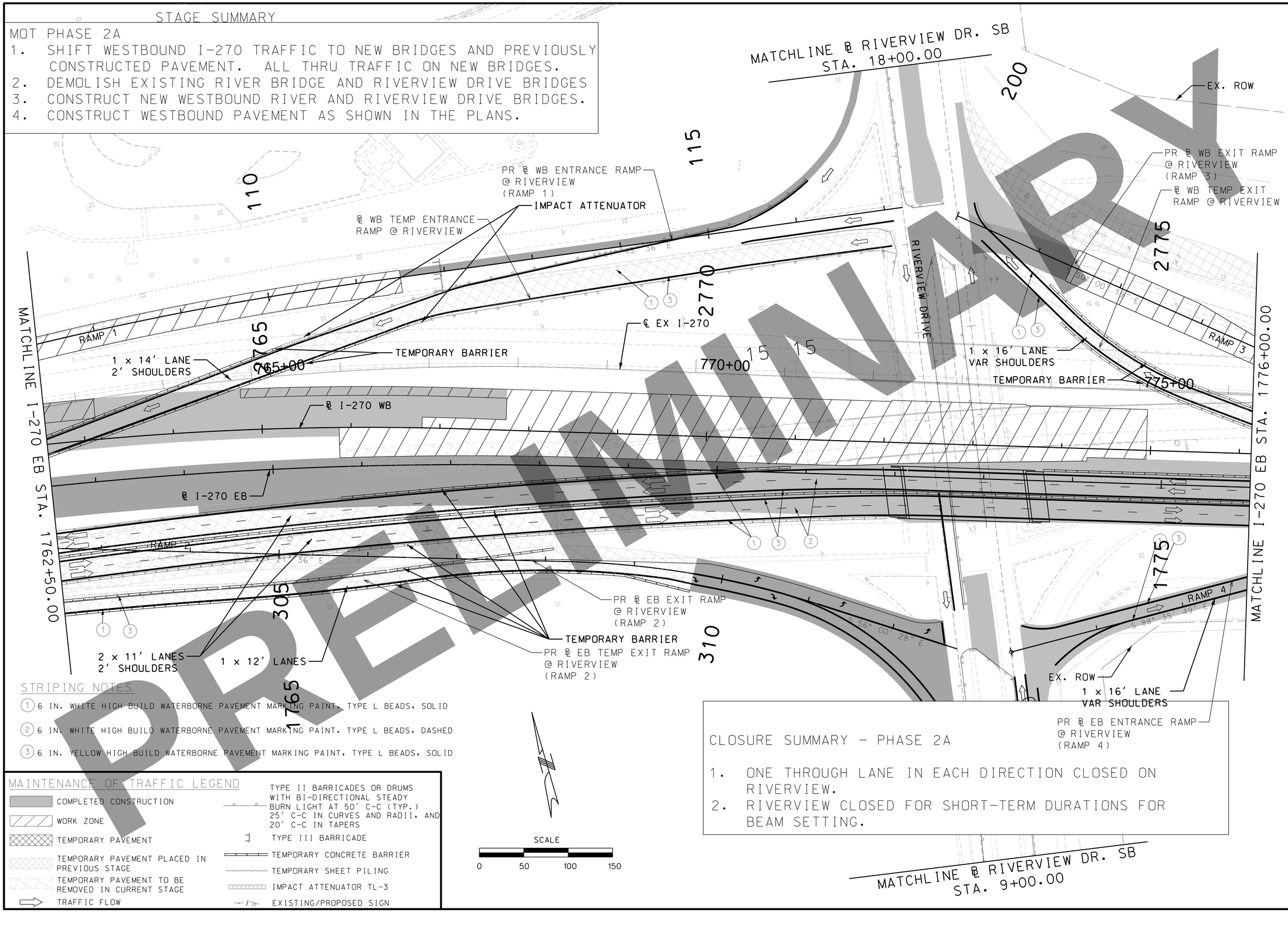
530 MARYSVILLE CENTRE DRIVE
SUITE 400, ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW DRIVE TRAFFIC CONTROL (PHASE 2A)
SHEET 2 OF 5

## STAGE SUMMARY

MOT PHASE 2A

1. SHIFT WESTBOUND I-270 TRAFFIC TO NEW BRIDGES AND PREVIOUSLY CONSTRUCTED PAVEMENT. ALL THRU TRAFFIC ON NEW BRIDGES.
2. DEMOLISH EXISTING RIVER BRIDGE AND RIVERVIEW DRIVE BRIDGES
3. CONSTRUCT NEW WESTBOUND RIVER AND RIVERVIEW DRIVE BRIDGES.
4. CONSTRUCT WESTBOUND PAVEMENT AS SHOWN IN THE PLANS.




### STRIPING NOTES

1. 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID
2. 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, DASHED
3. 6 IN. YELLOW HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID

### MAINTENANCE OF TRAFFIC LEGEND

- COMPLETED CONSTRUCTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT TO BE REMOVED IN CURRENT STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY SHEET PILING
- IMPACT ATTENUATOR TL-3
- EXISTING/PROPOSED SIGN

SCALE
0 50 100 150

### CLOSURE SUMMARY - PHASE 2A

1. ONE THROUGH LANE IN EACH DIRECTION CLOSED ON RIVERVIEW.
2. RIVERVIEW CLOSED FOR SHORT-TERM DURATIONS FOR BEAM SETTING.

MATCHLINE ℄ RIVERVIEW DR. SB
STA. 9+00.00

PRELIMINARY

DATE

DATE PREPARED 3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 79 |

COUNTY: ST. LOUIS CITY/ ST. LOUIS

JOB NO. J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

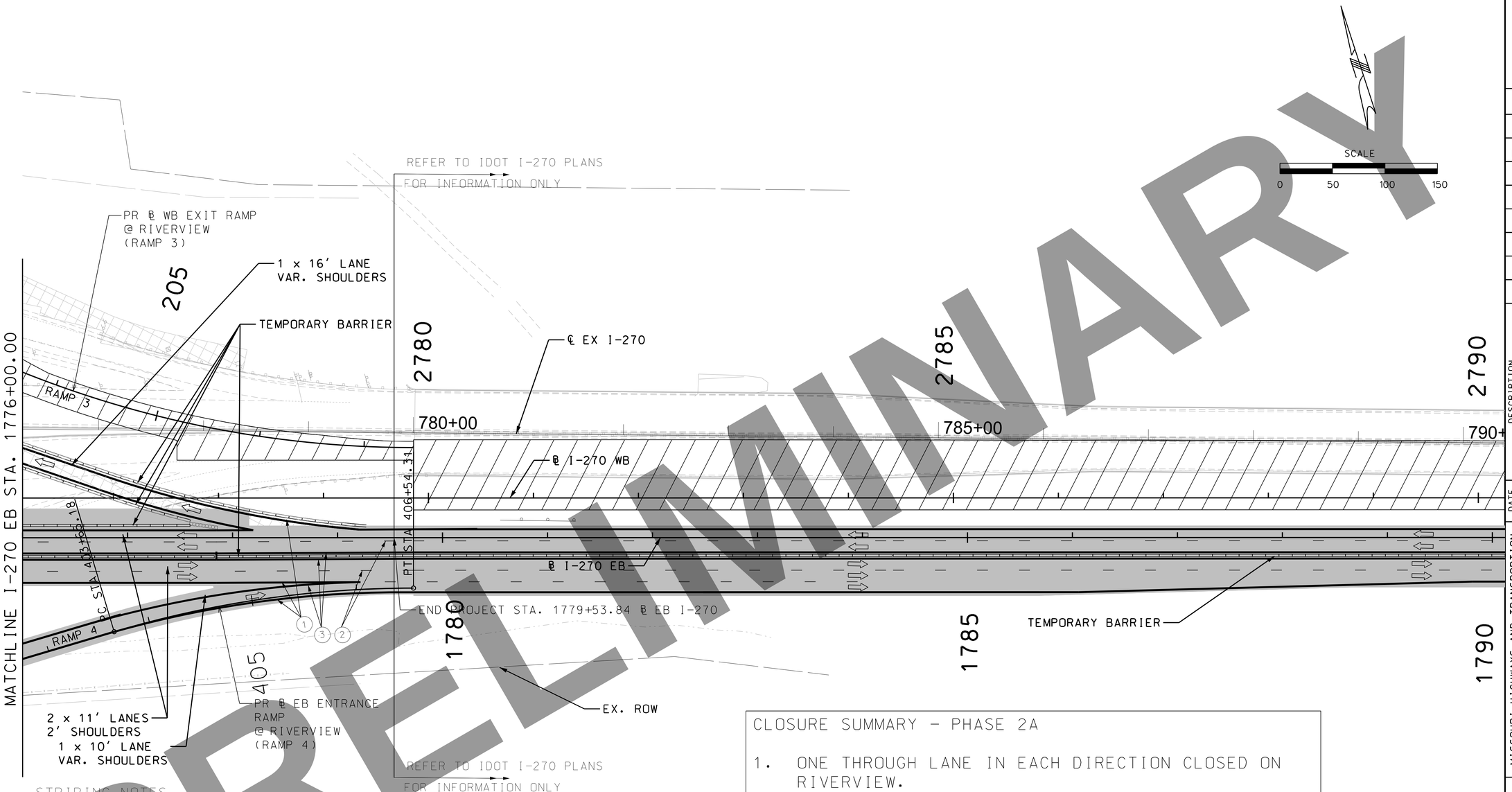
| DATE | DESCRIPTION |
|---|---|

MISSOURI HIGHWAYS AND TRANSPORTION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS
920 MARYSVILLE CENTRE DRIVE
SUITE 400, ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW DRIVE TRAFFIC CONTROL (PHASE 2A)
SHEET 3 OF 5

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.




PRELIMINARY

REFER TO IDOT I-270 PLANS
FOR INFORMATION ONLY

## STRIPING NOTES

1. 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID
2. 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, DASHED
3. 6 IN. YELLOW HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID

## MAINTENANCE OF TRAFFIC LEGEND

- COMPLETED CONSTRUCTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT TO BE REMOVED IN CURRENT STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY SHEET PILING
- IMPACT ATTENUATOR TL-3
- EXISTING/PROPOSED SIGN

## CLOSURE SUMMARY - PHASE 2A

1. ONE THROUGH LANE IN EACH DIRECTION CLOSED ON RIVERVIEW.
2. RIVERVIEW CLOSED FOR SHORT-TERM DURATIONS FOR BEAM SETTING.

## STAGE SUMMARY

MOT PHASE 2A

1. SHIFT WESTBOUND I-270 TRAFFIC TO NEW BRIDGES AND PREVIOUSLY CONSTRUCTED PAVEMENT. ALL THRU TRAFFIC ON NEW BRIDGES.
2. DEMOLISH EXISTING RIVER BRIDGE AND RIVERVIEW DRIVE BRIDGES
3. CONSTRUCT NEW WESTBOUND RIVER AND RIVERVIEW DRIVE BRIDGES.
4. CONSTRUCT WESTBOUND PAVEMENT AS SHOWN IN THE PLANS.

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 80 |

COUNTY
ST. LOUIS CITY/
ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
|---|---|
| | |

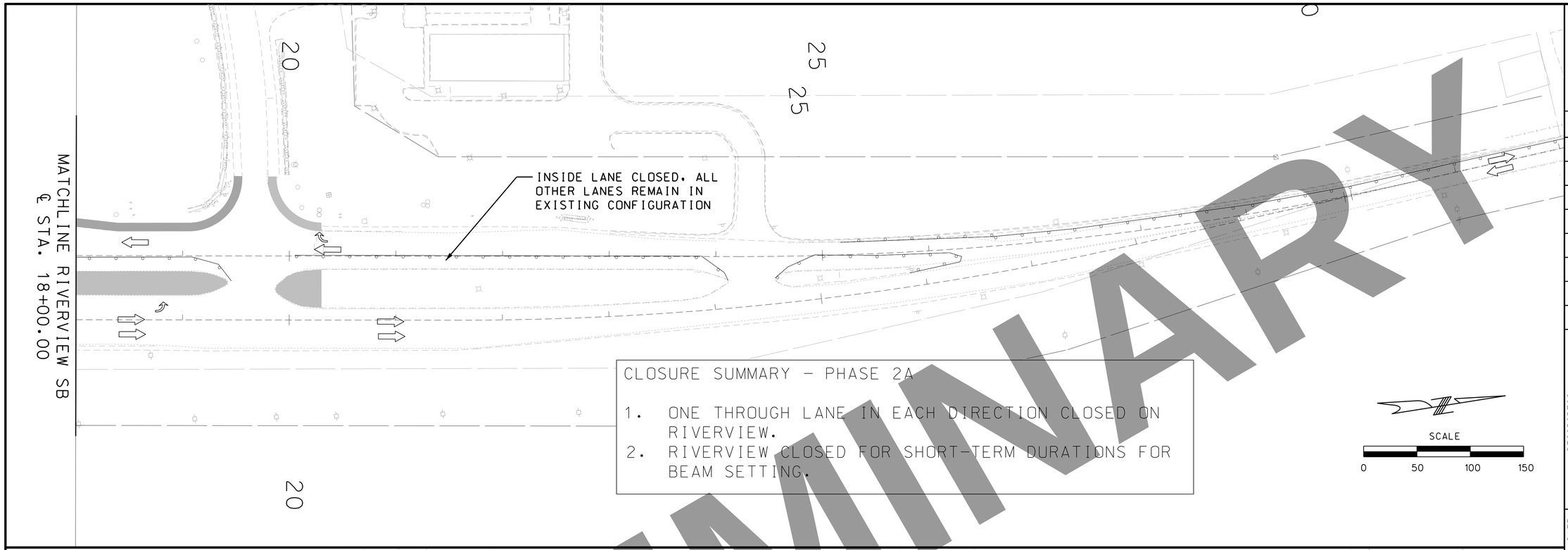
MISSOURI HIGHWAYS AND TRANSPORTION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS
500 MARYSVILLE CENTRE DRIVE
SUITE 600 ST. LOUIS, MO 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

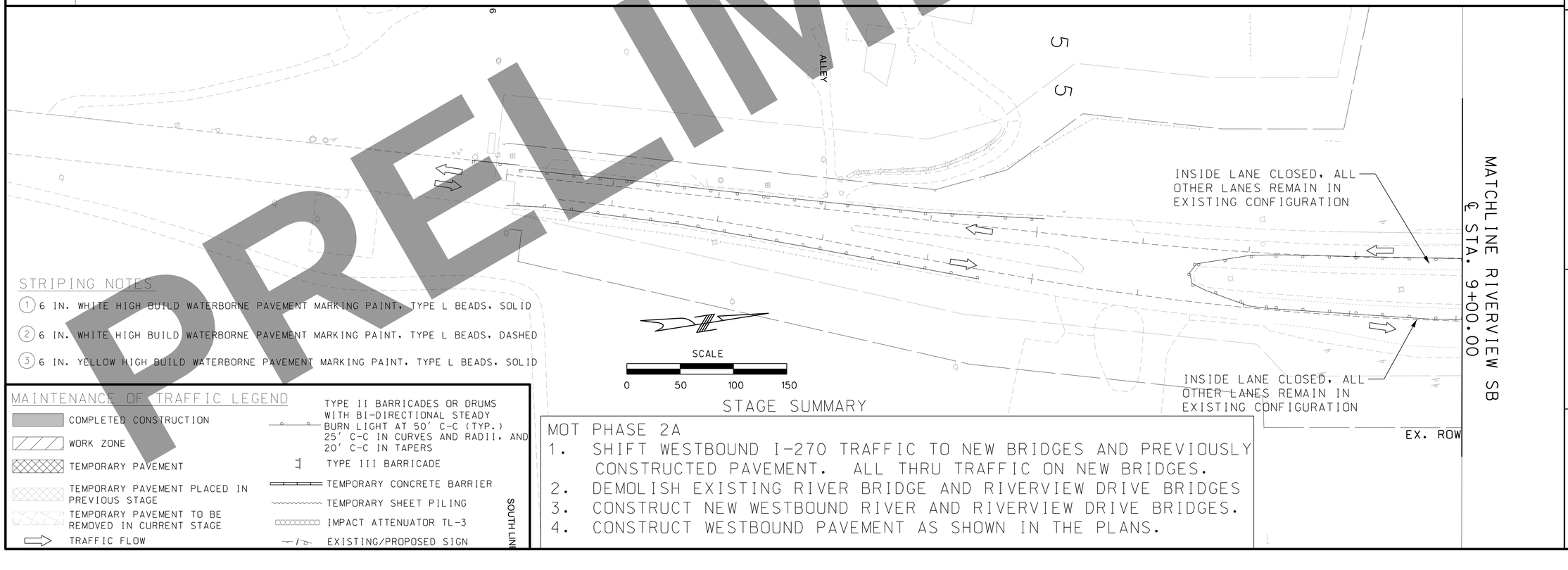
I-270 AND
RIVERVIEW DRIVE
TRAFFIC CONTROL
(PHASE 2A)
SHEET 4 OF 5

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.




CLOSURE SUMMARY - PHASE 2A

1. ONE THROUGH LANE IN EACH DIRECTION CLOSED ON RIVERVIEW.
2. RIVERVIEW CLOSED FOR SHORT-TERM DURATIONS FOR BEAM SETTING.




STRIPING NOTES

1. 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID
2. 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, DASHED
3. 6 IN. YELLOW HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID

MAINTENANCE OF TRAFFIC LEGEND

- COMPLETED CONSTRUCTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT TO BE REMOVED IN CURRENT STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY SHEET PILING
- IMPACT ATTENUATOR TL-3
- EXISTING/PROPOSED SIGN

SOUTH LINE

STAGE SUMMARY

MOT PHASE 2A

1. SHIFT WESTBOUND I-270 TRAFFIC TO NEW BRIDGES AND PREVIOUSLY CONSTRUCTED PAVEMENT. ALL THRU TRAFFIC ON NEW BRIDGES.
2. DEMOLISH EXISTING RIVER BRIDGE AND RIVERVIEW DRIVE BRIDGES
3. CONSTRUCT NEW WESTBOUND RIVER AND RIVERVIEW DRIVE BRIDGES.
4. CONSTRUCT WESTBOUND PAVEMENT AS SHOWN IN THE PLANS.

PRELIMINARY

| | |
|---|---|
| DATE | |
| DATE PREPARED | 3/17/2022 |
| ROUTE | I-270 |
| STATE | MO |
| DISTRICT | SL |
| SHEET NO. | 81 |
| COUNTY | ST. LOUIS CITY/ ST. LOUIS |
| JOB NO. | J6I3020C |
| CONTRACT ID. | |
| PROJECT NO. | |
| BRIDGE NO. | |

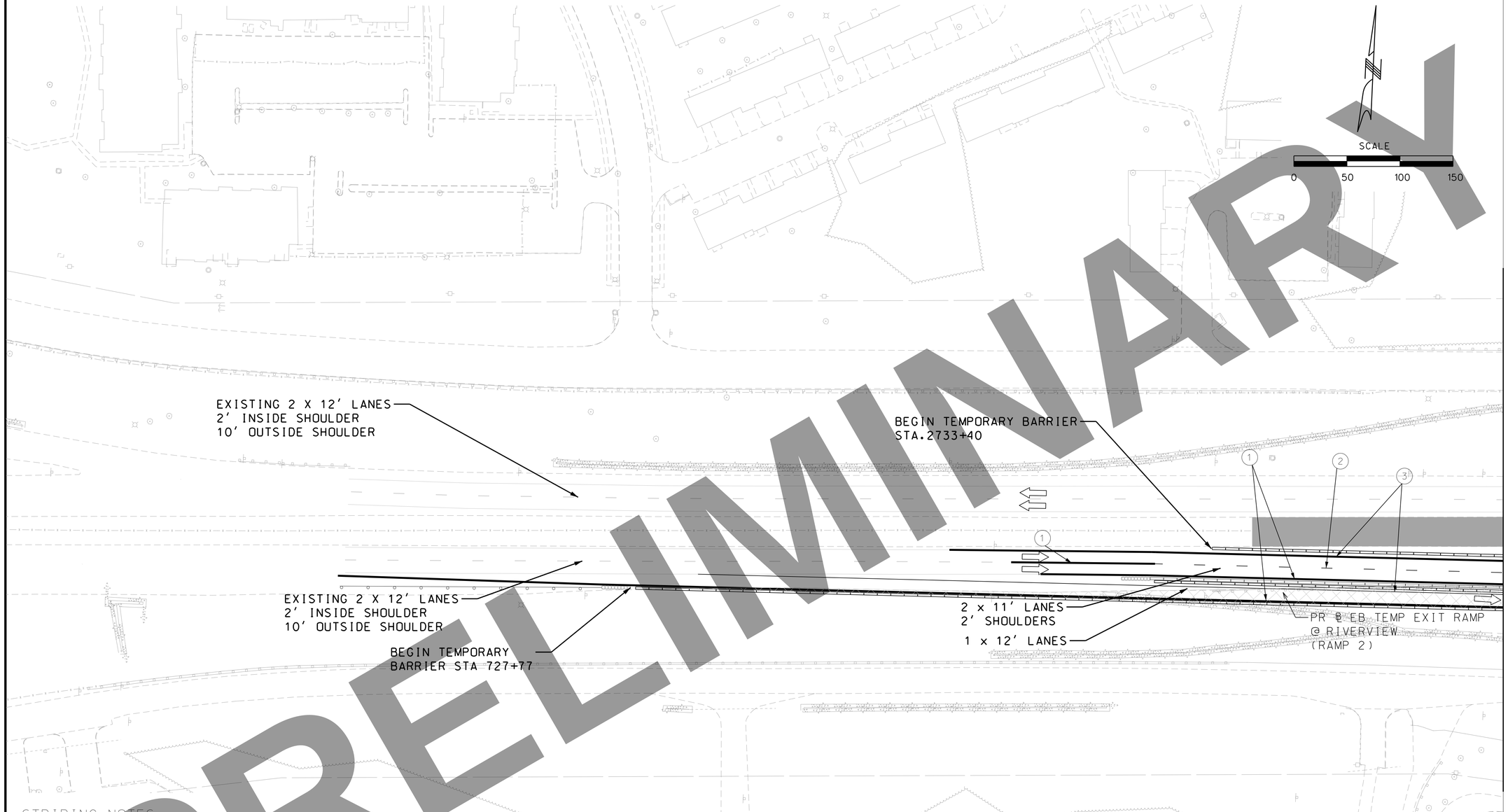
DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS
501 MARYVILLE CENTRE DRIVE
SUITE 400 ST. LOUIS, MO 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW DRIVE TRAFFIC CONTROL (PHASE 2A) SHEET 5 OF 5

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.




PRELIMINARY

STRIPING NOTES

1. 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID
2. 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, DASHED
3. 6 IN. YELLOW HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID

MAINTENANCE OF TRAFFIC LEGEND

- COMPLETED CONSTRUCTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT TO BE REMOVED IN CURRENT STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY SHEET PILING
- IMPACT ATTENUATOR TL-3
- EXISTING/PROPOSED SIGN

CLOSURE SUMMARY - PHASE 2B

1. ONE THROUGH LANE IN EACH DIRECTION CLOSED ON RIVERVIEW

STAGE SUMMARY

MOT PHASE 2B

1. CONSTRUCT GAP IN WESTBOUND I-270 PAVEMENT BETWEEN BRIDGES.

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |

| DISTRICT | SHEET NO. |
|---|---|
| SL | 82 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
|---|---|
| | |

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS
620 MARYSVILLE CENTRE DRIVE
SUITE 400 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

# I-270 AND RIVERVIEW DRIVE TRAFFIC CONTROL (PHASE 2B)

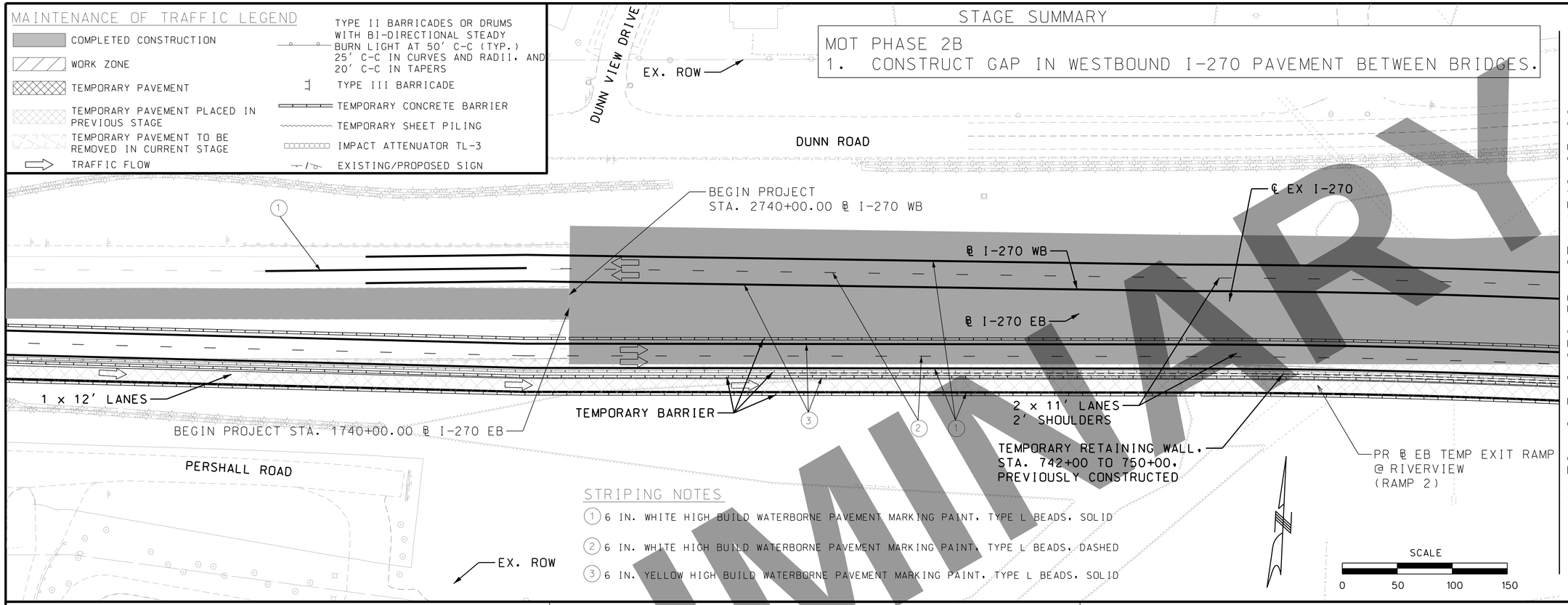
SHEET 1 OF 5

## MAINTENANCE OF TRAFFIC LEGEND

- COMPLETED CONSTRUCTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT TO BE REMOVED IN CURRENT STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY SHEET PILING
- IMPACT ATTENUATOR TL-3
- EXISTING/PROPOSED SIGN

## STAGE SUMMARY

MOT PHASE 2B
1. CONSTRUCT GAP IN WESTBOUND I-270 PAVEMENT BETWEEN BRIDGES.

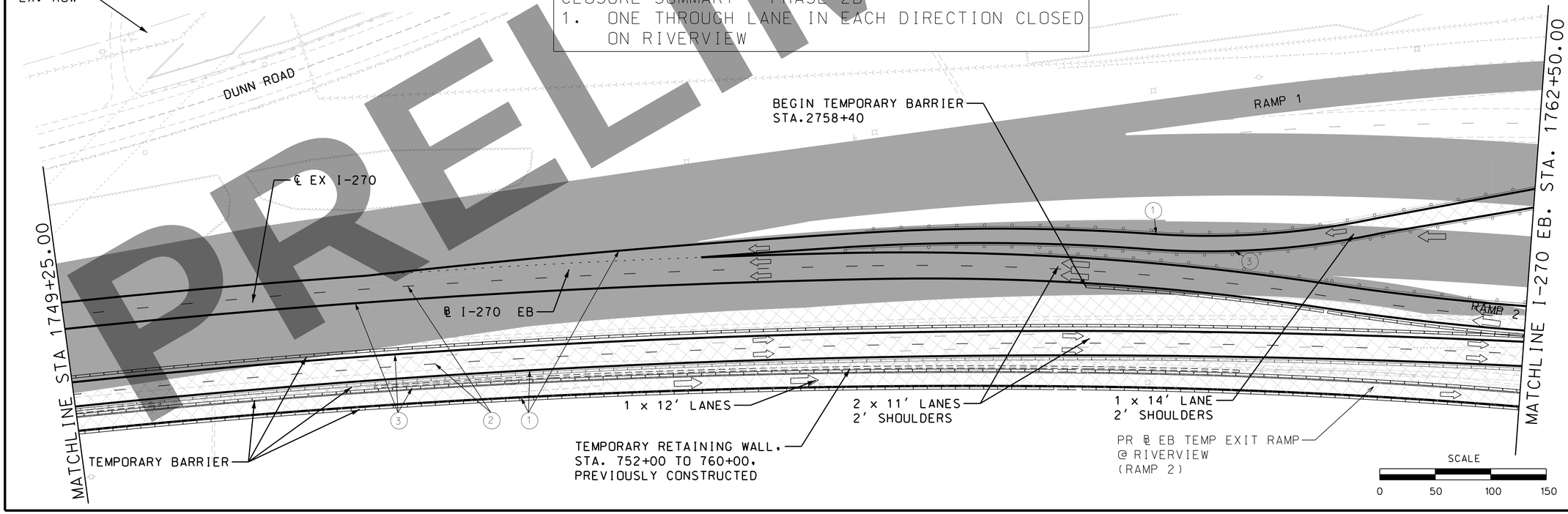



### STRIPING NOTES

1. 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID
2. 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, DASHED
3. 6 IN. YELLOW HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID

## CLOSURE SUMMARY - PHASE 2B

1. ONE THROUGH LANE IN EACH DIRECTION CLOSED ON RIVERVIEW




PRELIMINARY

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 83 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | DESCRIPTION |
|---|---|

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

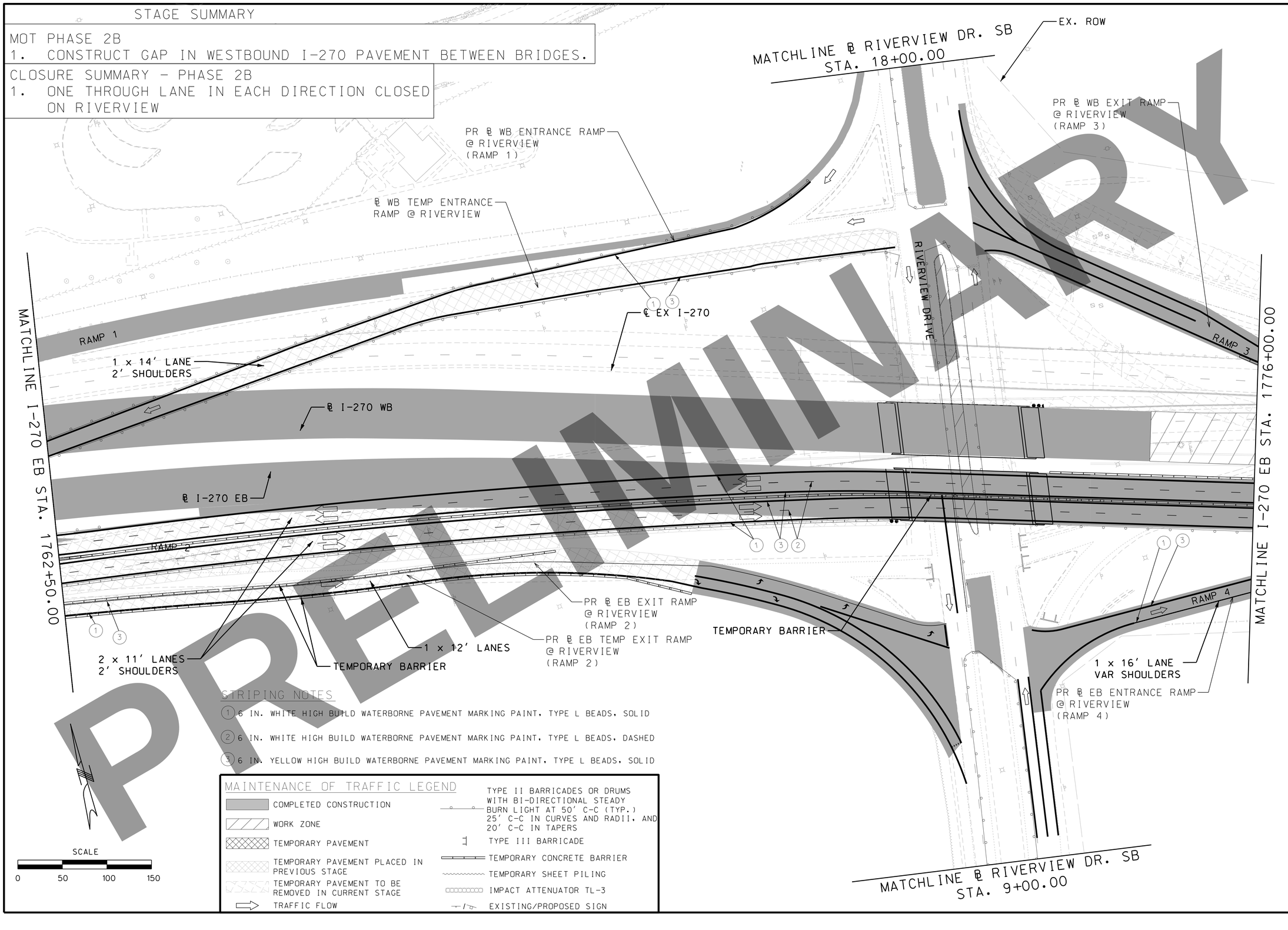
PARSONS
501 MARYVILLE CENTRE DRIVE
SUITE 400, ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW DRIVE TRAFFIC CONTROL (PHASE 2B)
SHEET 2 OF 5

## STAGE SUMMARY

MOT PHASE 2B
1. CONSTRUCT GAP IN WESTBOUND I-270 PAVEMENT BETWEEN BRIDGES.

CLOSURE SUMMARY - PHASE 2B
1. ONE THROUGH LANE IN EACH DIRECTION CLOSED ON RIVERVIEW




PRELIMINARY

### STRIPING NOTES

1. 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID
2. 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, DASHED
3. 6 IN. YELLOW HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID

### MAINTENANCE OF TRAFFIC LEGEND

- COMPLETED CONSTRUCTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT TO BE REMOVED IN CURRENT STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY SHEET PILING
- IMPACT ATTENUATOR TL-3
- EXISTING/PROPOSED SIGN

SCALE
0 50 100 150

DATE
DATE PREPARED 3/17/2022
ROUTE I-270 | STATE MO
DISTRICT SL | SHEET NO. 84
COUNTY ST. LOUIS CITY/ ST. LOUIS
JOB NO. J6I3020C
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

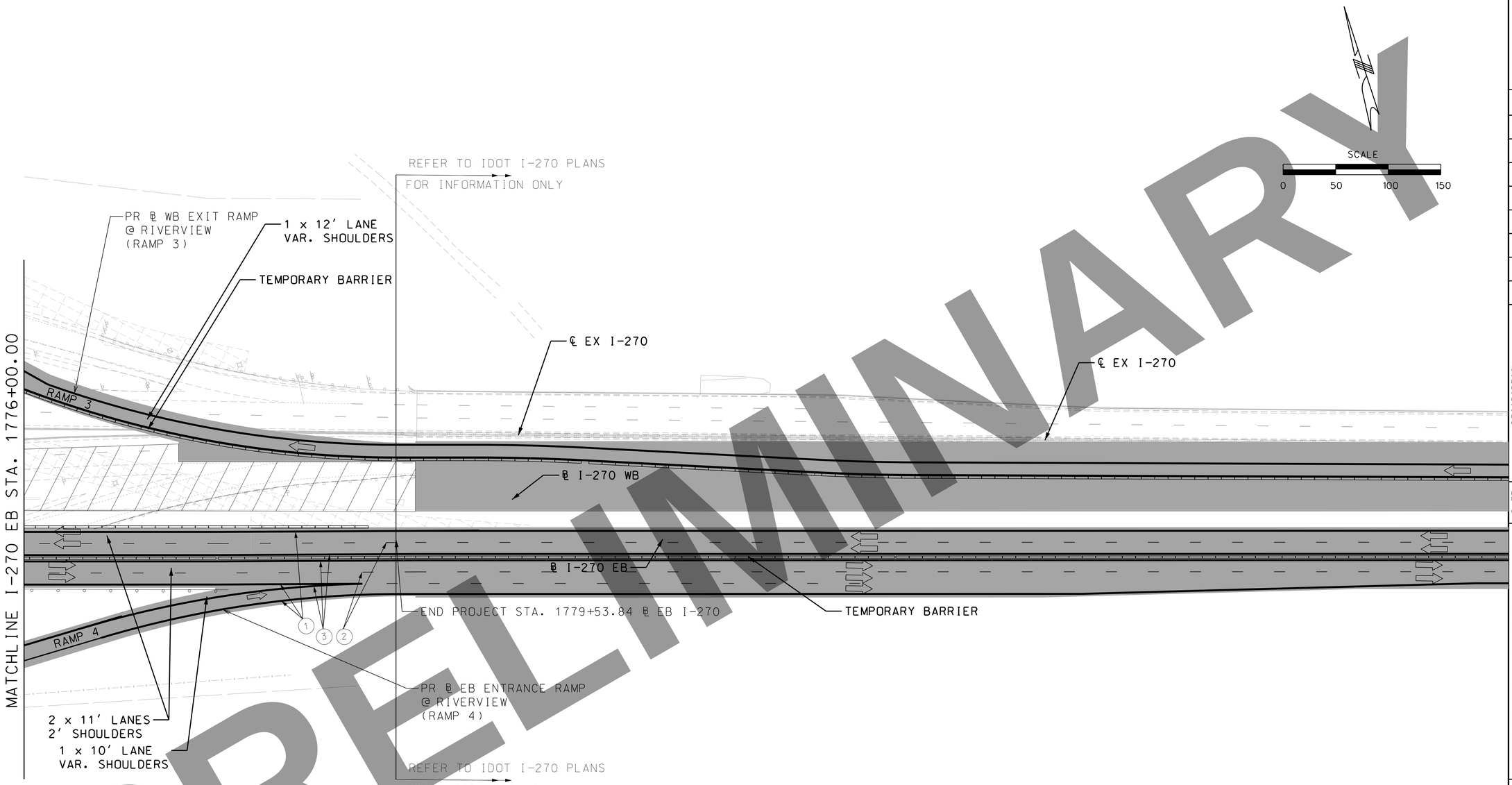
DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.


MISSOURI HIGHWAYS AND TRANSPORTION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS
350 MARYSVILLE CENTRE DRIVE
SUITE 400 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022


I-270 AND RIVERVIEW DRIVE TRAFFIC CONTROL (PHASE 2B)
SHEET 3 OF 5




PRELIMINARY

## STRIPING NOTES

1. 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID
2. 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, DASHED
3. 6 IN. YELLOW HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID

## MAINTENANCE OF TRAFFIC LEGEND

- COMPLETED CONSTRUCTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT TO BE REMOVED IN CURRENT STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY SHEET PILING
- IMPACT ATTENUATOR TL-3
- EXISTING/PROPOSED SIGN

## CLOSURE SUMMARY - PHASE 2B

1. ONE THROUGH LANE IN EACH DIRECTION CLOSED ON RIVERVIEW

## STAGE SUMMARY

MOT PHASE 2B

1. CONSTRUCT GAP IN WESTBOUND I-270 PAVEMENT BETWEEN BRIDGES.

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 85 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
|---|---|

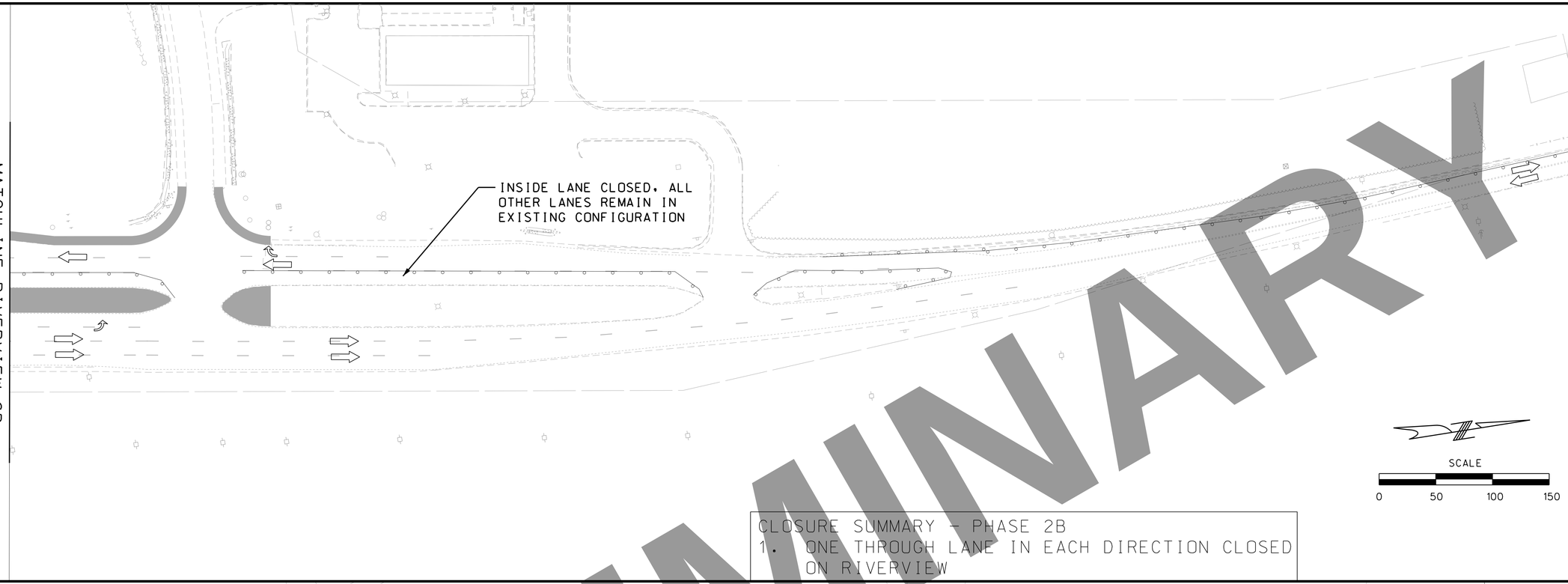
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS
501 MARYSVILLE CENTRE DRIVE
SUITE 600 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

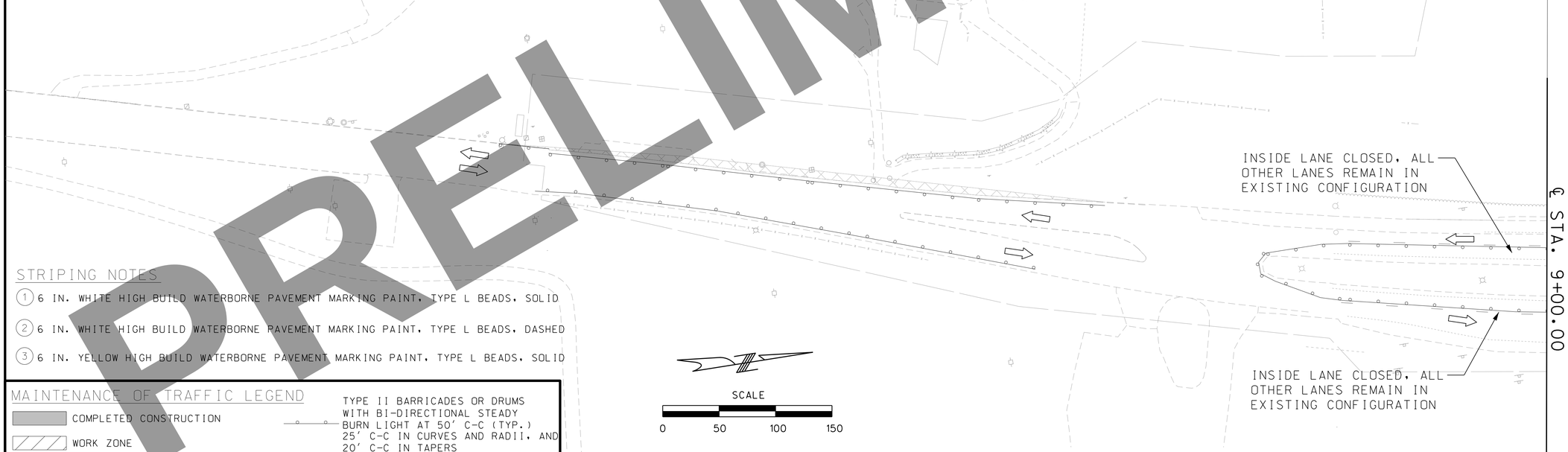
# I-270 AND RIVERVIEW DRIVE TRAFFIC CONTROL (PHASE 2B)

SHEET 4 OF 5




CLOSURE SUMMARY - PHASE 2B

1. ONE THROUGH LANE IN EACH DIRECTION CLOSED ON RIVERVIEW




STRIPING NOTES

1. 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID
2. 6 IN. WHITE HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, DASHED
3. 6 IN. YELLOW HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT, TYPE L BEADS, SOLID

MAINTENANCE OF TRAFFIC LEGEND

- COMPLETED CONSTRUCTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT TO BE REMOVED IN CURRENT STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY SHEET PILING
- IMPACT ATTENUATOR TL-3
- EXISTING/PROPOSED SIGN

STAGE SUMMARY

MOT PHASE 2B

1. CONSTRUCT GAP IN WESTBOUND I-270 PAVEMENT BETWEEN BRIDGES.

PRELIMINARY

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 86 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | DESCRIPTION |
|---|---|

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS
501 MARYVILLE CENTRE DRIVE
SUITE 501 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW DRIVE TRAFFIC CONTROL (PHASE 2B)
SHEET 5 OF 5

PRELIMINARY

CLOSURE SUMMARY - PHASE 2C
1. RAMP 2 CLOSED DURING THIS PHASE

MAINTENANCE OF TRAFFIC LEGEND

- COMPLETED CONSTRUCTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT TO BE REMOVED IN CURRENT STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY SHEET PILING
- IMPACT ATTENUATOR TL-3
- EXISTING/PROPOSED SIGN

STAGE SUMMARY

MOT PHASE 2C
1. SHIFT I-270 WESTBOUND AND EASTBOUND TRAFFIC TO PERMANENT CONFIGURATION.
2. COMPLETE REMAINING RAMP CONNECTIONS.
3. REMOVE REMAINING TEMPORARY PAVEMENT
4. CLOSE AND CONSTRUCT I-270 EASTBOUND OFF RAMP (RAMP 2), USE DETOUR
5. FINAL LANE CONFIGURATION AND PERMANENT STRIPING

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 87 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | DESCRIPTION |
|---|---|

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

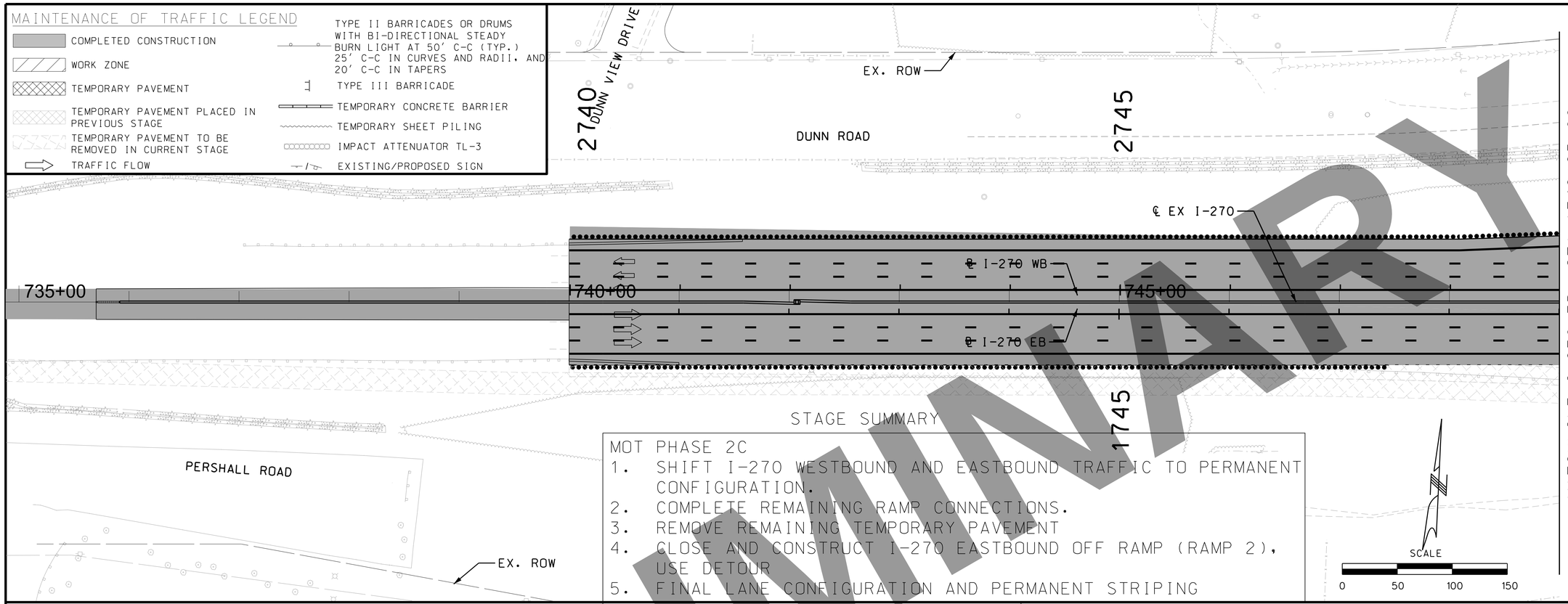
PARSONS
501 MARYVILLE CENTRE DRIVE
SUITE 400 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW DRIVE TRAFFIC CONTROL (PHASE 2C)
SHEET 1 OF 5

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

## MAINTENANCE OF TRAFFIC LEGEND

- COMPLETED CONSTRUCTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT TO BE REMOVED IN CURRENT STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY SHEET PILING
- IMPACT ATTENUATOR TL-3
- EXISTING/PROPOSED SIGN



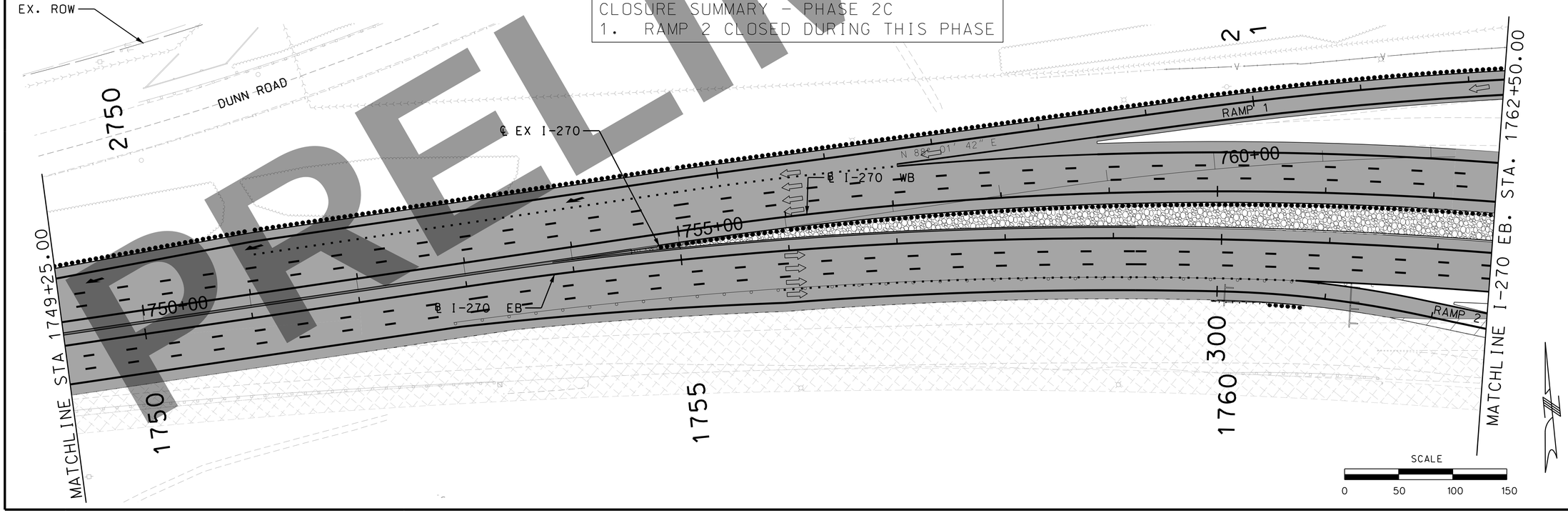

## STAGE SUMMARY

MOT PHASE 2C

1. SHIFT I-270 WESTBOUND AND EASTBOUND TRAFFIC TO PERMANENT CONFIGURATION.
2. COMPLETE REMAINING RAMP CONNECTIONS.
3. REMOVE REMAINING TEMPORARY PAVEMENT
4. CLOSE AND CONSTRUCT I-270 EASTBOUND OFF RAMP (RAMP 2), USE DETOUR
5. FINAL LANE CONFIGURATION AND PERMANENT STRIPING

CLOSURE SUMMARY - PHASE 2C

1. RAMP 2 CLOSED DURING THIS PHASE




PRELIMINARY

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |

| DISTRICT | SHEET NO. |
|---|---|
| SL | 88 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | DESCRIPTION |
|---|---|

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS
501 MARYVILLE CENTRE DRIVE
SUITE 400, ST. LOUIS, MO 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW DRIVE TRAFFIC CONTROL (PHASE 2C)
SHEET 2 OF 5

CLOSURE SUMMARY - PHASE 2C
1. RAMP 2 CLOSED DURING THIS PHASE

MATCHLINE ℄ RIVERVIEW DR. SB
STA. 18+00.00

℄ WB TEMP ENTRANCE RAMP @ RIVERVIEW

PR ℄ WB ENTRANCE RAMP @ RIVERVIEW (RAMP 1)

PR ℄ WB EXIT RAMP @ RIVERVIEW (RAMP 3)

EX. ROW

ACCESS ROAD

RAMP 1

RAMP 3

S 81° 45' 36" E

S 56° 00' 19" E

℄ EX I-270

RIVERVIEW DRIVE

MATCHLINE I-270 EB STA. 1762+50.00

MATCHLINE I-270 EB STA. 1776+00.00

℄ I-270 WB

℄ I-270 EB

RAMP 2

S 72° 51' 36" E

PR ℄ EB EXIT RAMP @ RIVERVIEW (RAMP 2)

RAMP 4

S 88° 35' 49" E

PR ℄ EB ENTRANCE RAMP @ RIVERVIEW (RAMP 4)

EX. ROW

S 56° 00' 28" E

MATCHLINE ℄ RIVERVIEW DR. SB
STA. 9+00.00

STAGE SUMMARY

MOT PHASE 2C
1. SHIFT I-270 WESTBOUND AND EASTBOUND TRAFFIC TO PERMANENT CONFIGURATION.
2. COMPLETE REMAINING RAMP CONNECTIONS.
3. REMOVE REMAINING TEMPORARY PAVEMENT
4. CLOSE AND CONSTRUCT I-270 EASTBOUND OFF RAMP (RAMP 2), USE DETOUR
5. FINAL LANE CONFIGURATION AND PERMANENT STRIPING

MAINTENANCE OF TRAFFIC LEGEND

- COMPLETED CONSTRUCTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT TO BE REMOVED IN CURRENT STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII. AND 20' C-C IN TAPERS
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY SHEET PILING
- IMPACT ATTENUATOR TL-3
- EXISTING/PROPOSED SIGN

SCALE
0 50 100 150

PRELIMINARY

DATE
DATE PREPARED 3/17/2022
ROUTE I-270 | STATE MO
DISTRICT SL | SHEET NO. 89
COUNTY ST. LOUIS CITY/ ST. LOUIS
JOB NO. J6I3020C
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

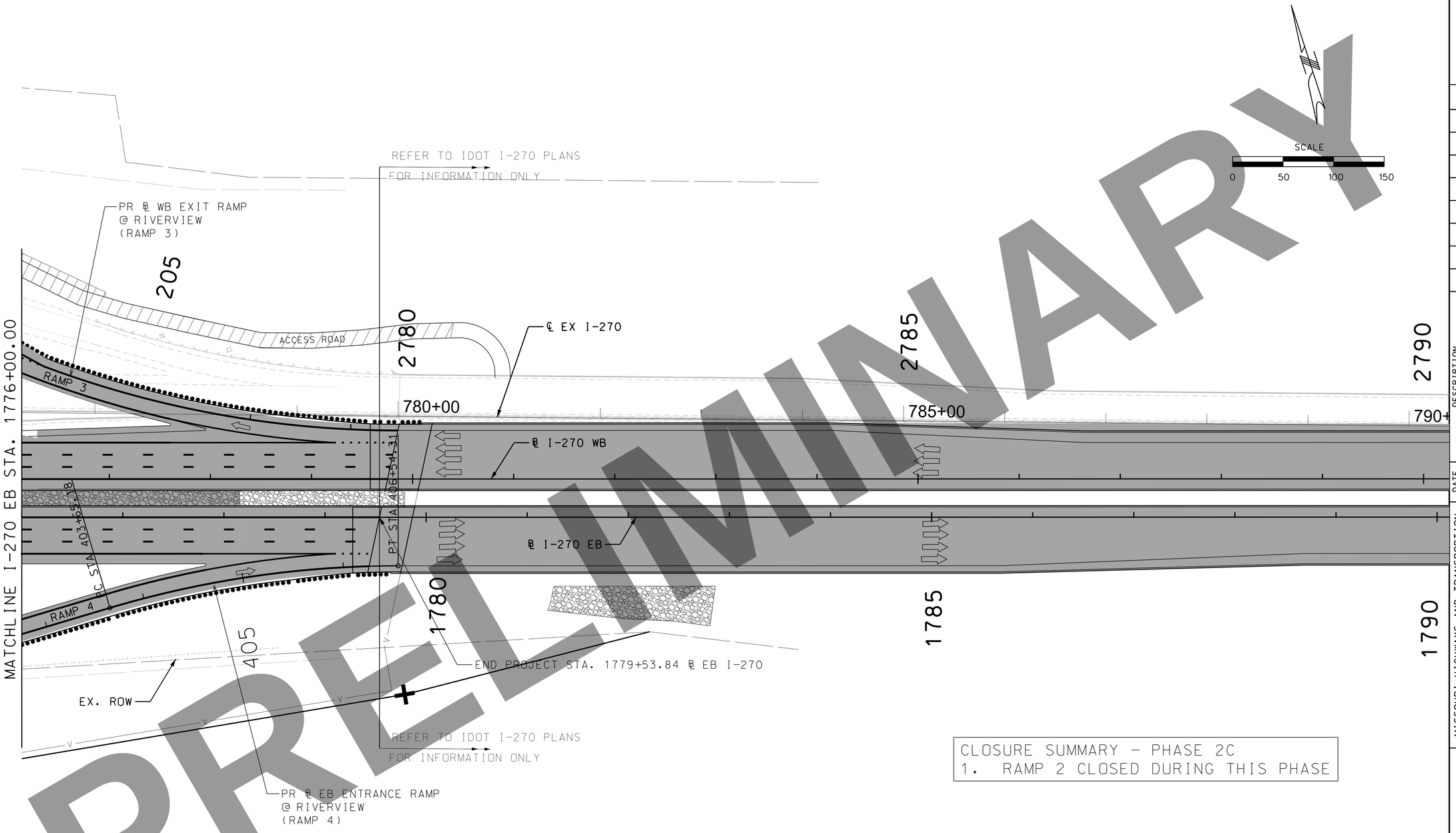
DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS
350 MARYSVILLE CENTRE DRIVE
SUITE 400 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW DRIVE TRAFFIC CONTROL (PHASE 2C)
SHEET 3 OF 5




PRELIMINARY

CLOSURE SUMMARY - PHASE 2C
1. RAMP 2 CLOSED DURING THIS PHASE

MAINTENANCE OF TRAFFIC LEGEND

- COMPLETED CONSTRUCTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT TO BE REMOVED IN CURRENT STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY SHEET PILING
- IMPACT ATTENUATOR TL-3
- EXISTING/PROPOSED SIGN

STAGE SUMMARY

MOT PHASE 2C
1. SHIFT I-270 WESTBOUND AND EASTBOUND TRAFFIC TO PERMANENT CONFIGURATION.
2. COMPLETE REMAINING RAMP CONNECTIONS.
3. REMOVE REMAINING TEMPORARY PAVEMENT
4. CLOSE 1-270 EASTBOUND OFF RAMP (RAMP 2) AND USE DETOUR
5. CONSTRUCT EASTBOUND OFF RAMP (RAMP 2) AND USE DETOUR
6. FINAL LANE CONFIGURATION AND PERMANENT STRIPING

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 90 |

COUNTY
ST. LOUIS CITY/
ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

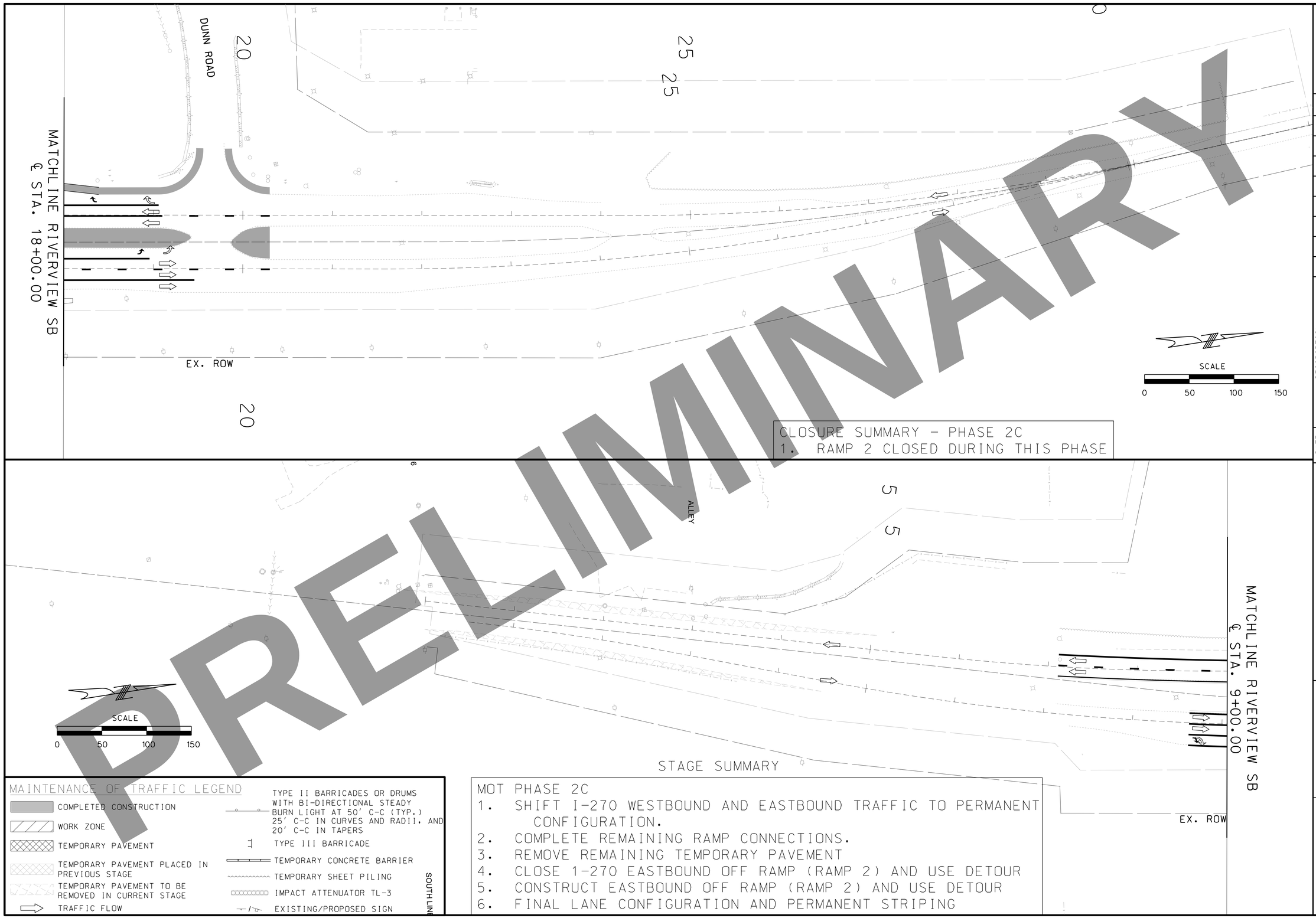
| DESCRIPTION | DATE |
|---|---|

MISSOURI HIGHWAYS AND TRANSPORTION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS
200 MARYSVILLE CENTRE DRIVE
SUITE 400 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND
RIVERVIEW DRIVE
TRAFFIC CONTROL
(PHASE 2C)
SHEET 4 OF 5

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.




PRELIMINARY

CLOSURE SUMMARY - PHASE 2C
1. RAMP 2 CLOSED DURING THIS PHASE

## MAINTENANCE OF TRAFFIC LEGEND

- COMPLETED CONSTRUCTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT TO BE REMOVED IN CURRENT STAGE
- TRAFFIC FLOW
- TYPE II BARRICADES OR DRUMS WITH BI-DIRECTIONAL STEADY BURN LIGHT AT 50' C-C (TYP.) 25' C-C IN CURVES AND RADII, AND 20' C-C IN TAPERS
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY SHEET PILING
- IMPACT ATTENUATOR TL-3
- EXISTING/PROPOSED SIGN

SOUTH LINE

## STAGE SUMMARY

MOT PHASE 2C
1. SHIFT I-270 WESTBOUND AND EASTBOUND TRAFFIC TO PERMANENT CONFIGURATION.
2. COMPLETE REMAINING RAMP CONNECTIONS.
3. REMOVE REMAINING TEMPORARY PAVEMENT
4. CLOSE 1-270 EASTBOUND OFF RAMP (RAMP 2) AND USE DETOUR
5. CONSTRUCT EASTBOUND OFF RAMP (RAMP 2) AND USE DETOUR
6. FINAL LANE CONFIGURATION AND PERMANENT STRIPING

DATE
DESCRIPTION

DATE PREPARED 3/17/2022
ROUTE I-270 | STATE MO
DISTRICT SL | SHEET NO. 91
COUNTY ST. LOUIS CITY/ ST. LOUIS
JOB NO. J6I3020C
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

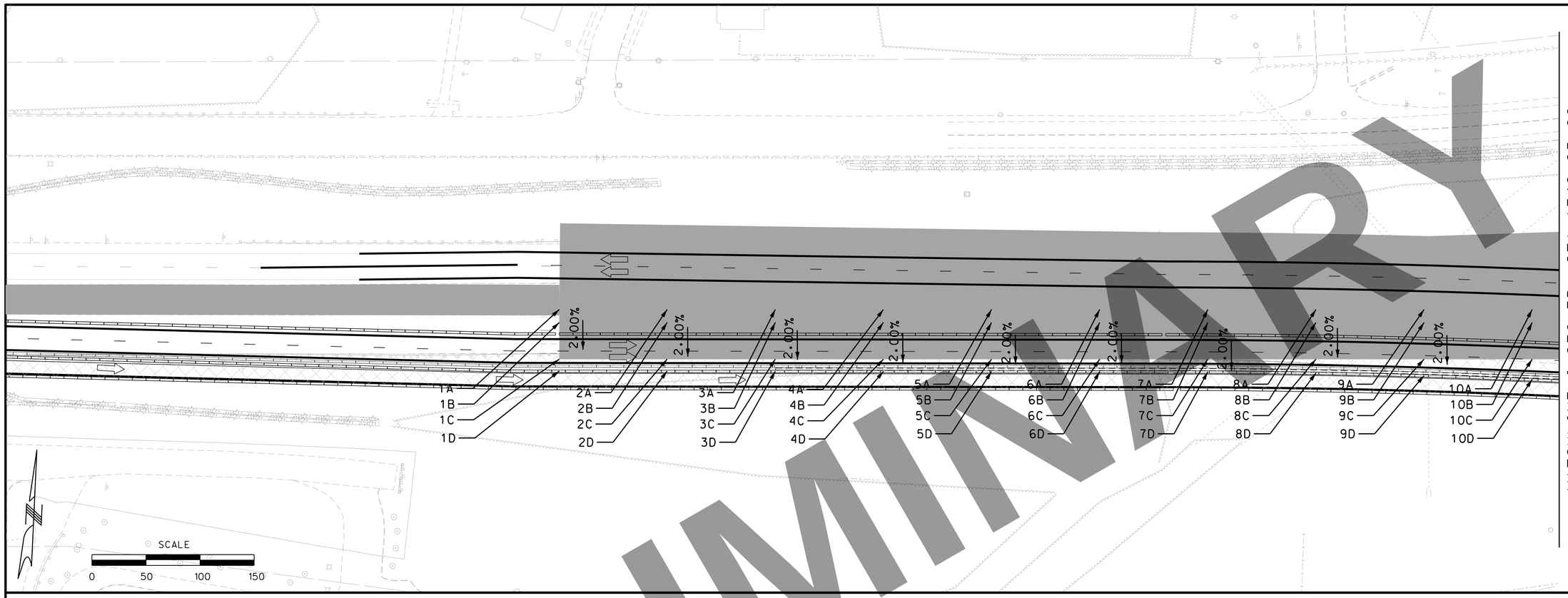
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

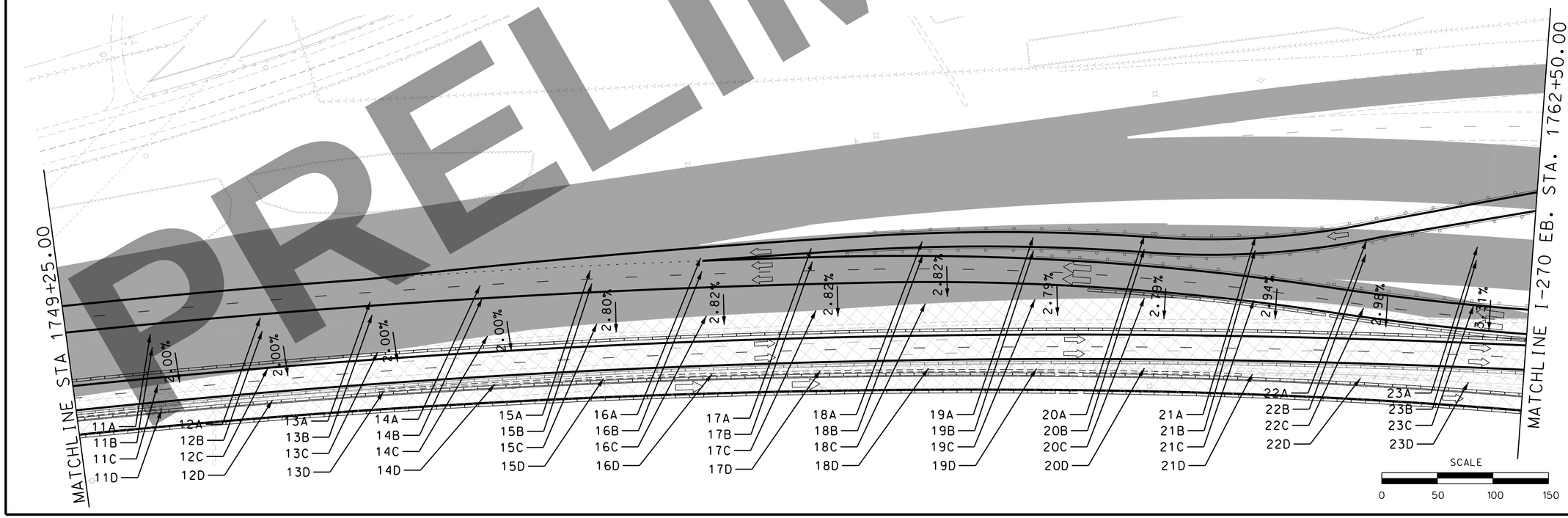
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS
501 MARYVILLE CENTRE DRIVE
SUITE 400 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW DRIVE TRAFFIC CONTROL (PHASE 2C)
SHEET 5 OF 5




PRELIMINARY

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 92 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | DESCRIPTION |
|---|---|

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

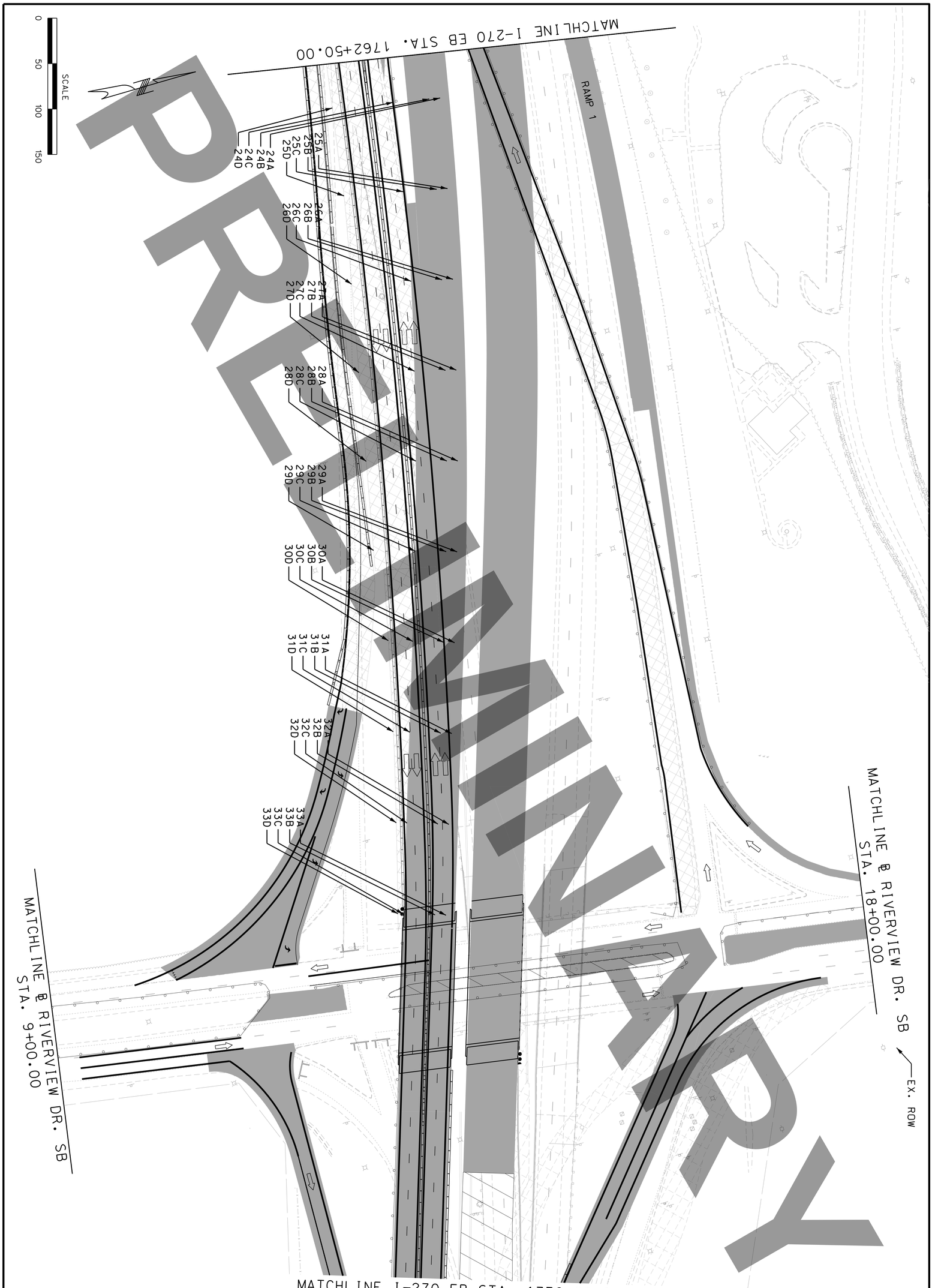
MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS

501 MARYSVILLE CENTRE DRIVE
SUITE 400, ST. LOUIS, MO 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW DRIVE
TRAFFIC CONTROL
TEMPORARY I-270
PAVING DETAIL
SHEET 1 OF 3




I-270 AND RIVERVIEW DRIVE TRAFFIC CONTROL TEMPORARY I-270 PAVING DETAIL SHEET 2 OF 3


PARSONS
530 MARYSVILLE CENTRE DRIVE
SUITE 400 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022


MISSOURI HIGHWAYS AND TRANSPORTION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

| DATE | DESCRIPTION |
|---|---|
| | |
| | |
| | |
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| | |
| | |
| | |

BRIDGE NO.

PROJECT NO.

CONTRACT ID.
J613020C

JOB NO.

COUNTY/CITY
ST. LOUIS CITY/
ST. LOUIS

DISTRICT
SL

ROUTE
I-270

STATE
MO

SHEET NO.
93

DATE PREPARED
3/17/2022

DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1A | STA. 740+00<br>OFF. 0'<br>ELEV. 477.95' | 1B | STA. 740+00<br>OFF. 12'<br>ELEV. 478.19' | 1C | STA. 740+00<br>OFF. 46'<br>ELEV. 477.51' | 1D | STA. 740+00<br>OFF. 56.89'<br>ELEV. 477.29' |
| 2A | STA. 741+00<br>OFF. 0'<br>ELEV. 477.25' | 2B | STA. 741+00<br>OFF. 12'<br>ELEV. 477.49' | 2C | STA. 741+00<br>OFF. 46'<br>ELEV. 476.81' | 2D | STA. 741+00<br>OFF. 57.01'<br>ELEV. 476.59' |
| 3A | STA. 742+00<br>OFF. 0'<br>ELEV. 476.55' | 3B | STA. 742+00<br>OFF. 12'<br>ELEV. 476.79' | 3C | STA. 742+00<br>OFF. 46'<br>ELEV. 476.11' | 3D | STA. 742+00<br>OFF. 57.13'<br>ELEV. 475.89' |
| 4A | STA. 743+00<br>OFF. 0'<br>ELEV. 475.85' | 4B | STA. 743+00<br>OFF. 12'<br>ELEV. 476.09' | 4C | STA. 743+00<br>OFF. 46'<br>ELEV. 475.41' | 4D | STA. 743+00<br>OFF. 57.25'<br>ELEV. 475.19' |
| 5A | STA. 744+00<br>OFF. 0'<br>ELEV. 475.15' | 5B | STA. 744+00<br>OFF. 12'<br>ELEV. 475.39' | 5C | STA. 744+00<br>OFF. 46'<br>ELEV. 474.71' | 5D | STA. 744+00<br>OFF. 57.36'<br>ELEV. 474.48' |
| 6A | STA. 745+00<br>OFF. 0'<br>ELEV. 474.45' | 6B | STA. 745+00<br>OFF. 12'<br>ELEV. 474.69' | 6C | STA. 745+00<br>OFF. 46'<br>ELEV. 474.01' | 6D | STA. 745+00<br>OFF. 57.48'<br>ELEV. 473.78' |
| 7A | STA. 746+00<br>OFF. 0'<br>ELEV. 473.75' | 7B | STA. 746+00<br>OFF. 12'<br>ELEV. 473.99' | 7C | STA. 746+00<br>OFF. 46'<br>ELEV. 473.31' | 7D | STA. 746+00<br>OFF. 57.69'<br>ELEV. 473.08' |
| 8A | STA. 747+00<br>OFF. 0'<br>ELEV. 473.05' | 8B | STA. 747+00<br>OFF. 12'<br>ELEV. 473.29' | 8C | STA. 747+00<br>OFF. 46'<br>ELEV. 472.61' | 8D | STA. 747+00<br>OFF. 58.83'<br>ELEV. 472.37' |
| 9A | STA. 748+00<br>OFF. 0'<br>ELEV. 472.35' | 9B | STA. 748+00<br>OFF. 12'<br>ELEV. 472.59' | 9C | STA. 748+00<br>OFF. 46'<br>ELEV. 471.91' | 9D | STA. 748+00<br>OFF. 61.14'<br>ELEV. 471.61' |
| 10A | STA. 749+00<br>OFF. 0'<br>ELEV. 471.65' | 10B | STA. 749+00<br>OFF. 12'<br>ELEV. 471.89' | 10C | STA. 749+00<br>OFF. 46'<br>ELEV. 471.21' | 10D | STA. 749+00<br>OFF. 64.60'<br>ELEV. 470.84' |
| 11A | STA. 750+00<br>OFF. 0'<br>ELEV. 470.95' | 11B | STA. 750+00<br>OFF. 12'<br>ELEV. 471.19' | 11C | STA. 750+00<br>OFF. 46'<br>ELEV. 470.51' | 11D | STA. 750+00<br>OFF. 69.22'<br>ELEV. 470.05' |
| 12A | STA. 751+00<br>OFF. 0'<br>ELEV. 470.25' | 12B | STA. 751+00<br>OFF. 12'<br>ELEV. 470.49' | 12C | STA. 751+00<br>OFF. 46'<br>ELEV. 469.81' | 12D | STA. 751+00<br>OFF. 75'<br>ELEV. 469.23' |
| 13A | STA. 752+00<br>OFF. 0'<br>ELEV. 469.55' | 13B | STA. 752+00<br>OFF. 12'<br>ELEV. 469.65' | 13C | STA. 752+00<br>OFF. 46'<br>ELEV. 468.97' | 13D | STA. 752+00<br>OFF. 81.94'<br>ELEV. 468.25' |
| 14A | STA. 753+00<br>OFF. 0'<br>ELEV. 468.85' | 14B | STA. 753+00<br>OFF. 12'<br>ELEV. 468.65' | 14C | STA. 753+00<br>OFF. 46'<br>ELEV. 467.97' | 14D | STA. 753+00<br>OFF. 90.40'<br>ELEV. 467.08' |
| 15A | STA. 754+00<br>OFF. 0'<br>ELEV. 468.15' | 15B | STA. 754+00<br>OFF. 12'<br>ELEV. 467.81' | 15C | STA. 754+00<br>OFF. 48.39'<br>ELEV. 466.79' | 15D | STA. 754+00<br>OFF. 98.09'<br>ELEV. 465.40' |
| 16A | STA. 755+00<br>OFF. 0'<br>ELEV. 467.50' | 16B | STA. 755+00<br>OFF. 12'<br>ELEV. 467.17' | 16C | STA. 755+00<br>OFF. 52.39'<br>ELEV. 466.03' | 16D | STA. 755+00<br>OFF. 104.81'<br>ELEV. 464.55' |
| 17A | STA. 756+00<br>OFF. 0'<br>ELEV. 467.13' | 17B | STA. 756+00<br>OFF. 12'<br>ELEV. 466.79' | 17C | STA. 756+00<br>OFF. 56.02'<br>ELEV. 465.55' | 17D | STA. 756+00<br>OFF. 110.21'<br>ELEV. 464.02' |
| 18A | STA. 757+00<br>OFF. 0'<br>ELEV. 467.04' | 18B | STA. 757+00<br>OFF. 12'<br>ELEV. 466.71' | 18C | STA. 757+00<br>OFF. 56.02'<br>ELEV. 465.47' | 18D | STA. 757+00<br>OFF. 114.29'<br>ELEV. 463.83' |
| 19A | STA. 758+00<br>OFF. 0'<br>ELEV. 467.25' | 19B | STA. 758+00<br>OFF. 0'<br>ELEV. 467.25' | 19C | STA. 758+00<br>OFF. 56.02'<br>ELEV. 465.68' | 19D | STA. 758+00<br>OFF. 118.21'<br>ELEV. 463.94' |
| 20A | STA. 759+00<br>OFF. 0'<br>ELEV. 467.57' | 20B | STA. 759+00<br>OFF. 12'<br>ELEV. 467.23' | 20C | STA. 759+00<br>OFF. 56.02'<br>ELEV. 466.00' | 20D | STA. 759+00<br>OFF. 119.01'<br>ELEV. 464.24' |
| 21A | STA. 760+00<br>OFF. 0'<br>ELEV. 467.89' | 21B | STA. 760+00<br>OFF. 12'<br>ELEV. 467.56' | 21C | STA. 760+00<br>OFF. 56.85'<br>ELEV. 466.24' | 21D | STA. 760+00<br>OFF. 123.26'<br>ELEV. 464.31' |
| 22A | STA. 761+00<br>OFF. 0'<br>ELEV. 468.21' | 22B | STA. 761+00<br>OFF. 12'<br>ELEV. 467.88' | 22C | STA. 761+00<br>OFF. 60.61'<br>ELEV. 466.43' | 22D | STA. 761+00<br>OFF. 124'<br>ELEV. 464.54' |
| 23A | STA. 762+00<br>OFF. 0'<br>ELEV. 468.54' | 23B | STA. 762+00<br>OFF. 12'<br>ELEV. 468.20' | 23C | STA. 762+00<br>OFF. 53.11'<br>ELEV. 466.84' | 23D | STA. 762+00<br>OFF. 122.11'<br>ELEV. 464.56' |
| 24A | STA. 763+00<br>OFF. 0'<br>ELEV. 468.86' | 24B | STA. 763+00<br>OFF. 12'<br>ELEV. 468.52' | 24C | STA. 763+00<br>OFF. 51.85'<br>ELEV. 467.33' | 24D | STA. 763+00<br>OFF. 119.16'<br>ELEV. 465.32' |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 25A | STA. 764+00<br>OFF. 0'<br>ELEV. 469.18' | 25B | STA. 764+00<br>OFF. 12'<br>ELEV. 468.84' | 25C | STA. 764+00<br>OFF. 48.88'<br>ELEV. 467.69' | 25D | STA. 764+00<br>OFF. 114.18'<br>ELEV. 465.65' |
| 26A | STA. 765+00<br>OFF. 0'<br>ELEV. 469.50' | 26B | STA. 765+00<br>OFF. 12'<br>ELEV. 469.16' | 26C | STA. 765+00<br>OFF. 46'<br>ELEV. 468.21' | 26D | STA. 765+00<br>OFF. 111.62'<br>ELEV. 466.38' |
| 27A | STA. 766+00<br>OFF. 0'<br>ELEV. 469.82' | 27B | STA. 766+00<br>OFF. 12'<br>ELEV. 469.49' | 27C | STA. 766+00<br>OFF. 46'<br>ELEV. 468.53' | 27D | STA. 766+00<br>OFF. 107.24'<br>ELEV. 466.80' |
| 28A | STA. 767+00<br>OFF. 0'<br>ELEV. 469.95' | 28B | STA. 767+00<br>OFF. 12'<br>ELEV. 469.62' | 28C | STA. 767+00<br>OFF. 46'<br>ELEV. 468.67' | 28D | STA. 767+00<br>OFF. 117.53'<br>ELEV. 466.67' |
| 29A | STA. 768+00<br>OFF. 0'<br>ELEV. 469.45' | 29B | STA. 768+00<br>OFF. 12'<br>ELEV. 469.11' | 29C | STA. 768+00<br>OFF. 46'<br>ELEV. 468.16' | 29D | STA. 768+00<br>OFF. 91.91'<br>ELEV. 466.88' |
| 30A | STA. 769+00<br>OFF. 0'<br>ELEV. 468.28' | 30B | STA. 769+00<br>OFF. 12'<br>ELEV. 468.18' | 30C | STA. 769+00<br>OFF. 46'<br>ELEV. 467.47' | 30D | STA. 769+00<br>OFF. 72.93'<br>ELEV. 466.91' |
| 31A | STA. 770+00<br>OFF. 0'<br>ELEV. 466.53' | 31B | STA. 770+00<br>OFF. 12'<br>ELEV. 466.72' | 31C | STA. 770+00<br>OFF. 46'<br>ELEV. 466.02' | 31D | STA. 770+00<br>OFF. 64.28'<br>ELEV. 465.64' |
| 32A | STA. 771+00<br>OFF. 0'<br>ELEV. 464.68' | 32B | STA. 771+00<br>OFF. 12'<br>ELEV. 464.92' | 32C | STA. 771+00<br>OFF. 46'<br>ELEV. 464.24' | 32D | STA. 771+00<br>OFF. 57.85'<br>ELEV. 464' |
| 33A | STA. 772+00<br>OFF. 0'<br>ELEV. 462.83' | 33B | STA. 772+00<br>OFF. 12'<br>ELEV. 463.07' | 33C | STA. 772+00<br>OFF. 47.22'<br>ELEV. 462.26' | 33D | STA. 772+00<br>OFF. 52.86'<br>ELEV. 462.13' |

PRELIMINARY

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 94 |

COUNTY
ST. LOUIS CITY/
ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
|---|---|
| | |

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS
501 MARYVILLE CENTRE DRIVE
SUITE 501 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND
RIVERVIEW DRIVE
TRAFFIC CONTROL
TEMPORARY I-270
PAVING DETAIL
SHEET 3 OF 3

MATCH PROPOSED EB I-270,
STA. 19+01.94 (TEMP RAMP 1) =
STA. 2764+09.28, 45.80' LT

TEMP RAMP 1
STA. 23+69.47 =
WB I-270 STA.
2759+51.81, 46.07'
LT

CURVE TEMP_ALGN_R1_6
PI 22+85.06
PC 22+20.46
PT 23+49.32
Δ 10° 06' 50.6" (RT)
D 7° 50' 55.5"
L 128.86'
T 64.60'
R 730.00'

14' RAMP LANE
2 x 2' SHOULDERS
2 x 2' BUFFER FOR
TEMP. CONC. BARRIER

TEMP RAMP 1
STA. 12+32.58 =
RAMP 1 STA.
115+48.70, 24.0'
LT

CURVE TEMP_ALGN_R1_3
PI 15+83.40
PC 14+94.87
PT 16+71.21
Δ 12° 37' 46.1" (LT)
D 7° 09' 43.1"
L 176.34'
T 88.53'
R 800.00'

TEMPORARY WIDENING
MATCHES EXISTING EDGE
OF PAVEMENT

PC STA 22+20.46
PT STA 23+49.32
PC STA 14+94.87
PT STA 16+71.21
POT STA 6+94.40
POT STA 10+00.00

PRELIMINARY

SCALE
0 50 100 150

RAMP 1
TEMPORARY ALIGNMENT
SHEET 1 OF 1

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 95 |

COUNTY
ST. LOUIS CITY/
ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | DESCRIPTION |
|---|---|

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS

520 MARYVILLE CENTRE DRIVE
SUITE 400 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND
RIVERVIEW DRIVE
TRAFFIC CONTROL
TEMPORARY RAMP 1
ALIGNMENT

MATCH PROPOSED RAMP 3
STA. 6+45.89 (TEMP RAMP 3) =
STA. 200+86.09, 18.0' LT (RAMP 3)

CURVE TEMP_ALGN_R3_4
PI 4+84.51
PC 4+00.66
PT 5+65.96
Δ 23° 40' 42.7" (RT)
D 14° 19' 26.2"
L 165.31'
T 83.85'
R 400.00'

TEMP RAMP 3
STA. 2+46.16 =
WB EXIT RAMP 3
STA. 204+70.33, 68.4'
RT

14' RAMP LANE
2 x 2' SHOULDERS
2 x 2' BUFFER FOR
TEMP. CONC. BARRIER

MATCH PROPOSED WB PAVEMENT
TEMP RAMP 3 STA. 0+00.00 =
WB I-270 STA. 2779+34.12, 30.1' RT

POT STA 6+94.40

POT STA 10+00.00

PT STA 5+65.96

PC STA 4+00.66

PT STA 2+46.16

PI STA 0+00.00

CURVE TEMP_ALGN_R3_1
PI 1+23.70
PC 0+00.00
PT 2+46.16
Δ 14° 02' 50.9" (RT)
D 5° 42' 24.3"
L 246.16'
T 123.70'
R 1,004.00'

SCALE
0 50 100 150

RAMP 3
TEMPORARY ALIGNMENT
SHEET 1 OF 1

PRELIMINARY

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 96 |

COUNTY
ST. LOUIS CITY/
ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

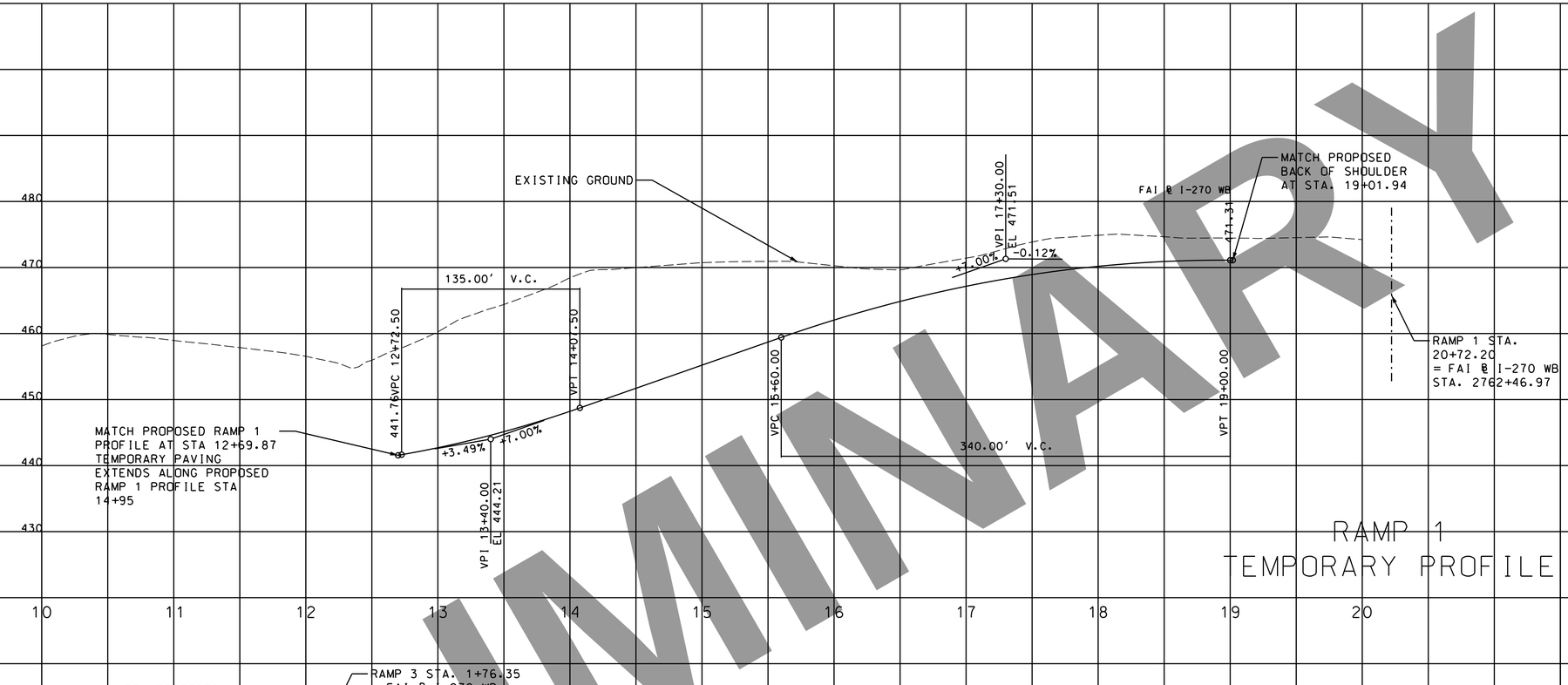
MISSOURI HIGHWAYS AND TRANSPORTION COMMISSION

MoDOT

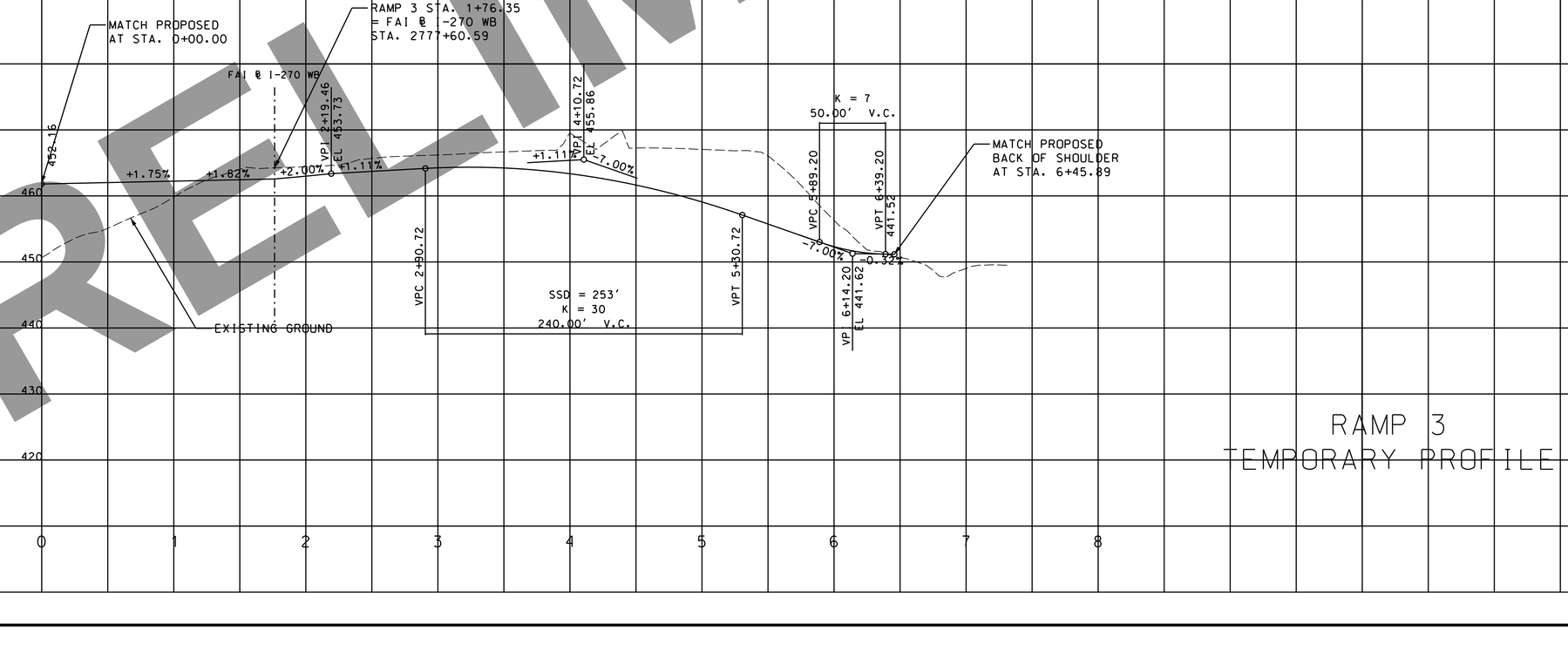
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS
530 MARYSVILLE CENTRE DRIVE
SUITE 400 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND
RIVERVIEW DRIVE
TRAFFIC CONTROL
TEMPORARY RAMP 3
ALIGNMENT




RAMP 1
TEMPORARY PROFILE




RAMP 3
TEMPORARY PROFILE

PRELIMINARY

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 97 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS
550 MARYVILLE CENTRE DRIVE
SUITE 400 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW DRIVE
TRAFFIC CONTROL
TEMPORARY RAMP PROFILES

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

SCALE
0 50 100 150

15

20

CURVE TEMPPAVE2
PI 20+70.71
PCC 19+12.52
PRC 22+28.45
Δ 7° 30' 28.1" (RT)
D 2° 22' 35.2"
L 315.93'
T 158.19'
R 2,411.00'

CURVE TEMPPAVE3
PI 23+29.26
PRC 22+28.45
PT 24+29.97
Δ 4° 47' 20.3" (LT)
D 2° 22' 35.2"
L 201.52'
T 100.82'
R 2,411.00'

PCC STA 19+12.52

PRC STA 22+28.45

PT STA 24+29.97

STA. 16+99.36
OFF. 15.38' LT
ELEV. 468.64'

STA. 16+99.96
OFF. 16.46' RT
ELEV. 467.76'

STA. 767+00
OFF. 5.83' RT
ELEV. 466.04'

STA. 768+00
OFF. 11.30' LT
ELEV. 464.85'

STA. 769+00
OFF. 28.15' LT
ELEV. 464.27'

STA. 770+00
OFF. 40.88' LT
ELEV. 463.15

MATCH PROPOSED PAVING
TEMP RAMP STA 16+99.90
I-270 EB STA 1762+52.66

MATCH EXISTING
TEMP. RAMP STA 22+46.20
I-270 EB STA 1766+98.18

480
470
460
450

VPC 17+00.00
EL 468.21

VPI 19+00.00
EL 469.21

VPT 21+00.00

+0.50%

-1.10%

SSD = 876'
K = 251
400.00 V.C.

465.05

16 17 18 18 20 21 22 23 24

TEMPORARY
WB I-270 PROFILE

PRELIMINARY

| | |
|---|---|
| DATE | |
| DATE PREPARED | 3/17/2022 |
| ROUTE | I-270 |
| STATE | MO |
| DISTRICT | SL |
| SHEET NO. | 98 |
| COUNTY | ST. LOUIS CITY/ ST. LOUIS |
| JOB NO. | J6I3020C |
| CONTRACT ID. | |
| PROJECT NO. | |
| BRIDGE NO. | |

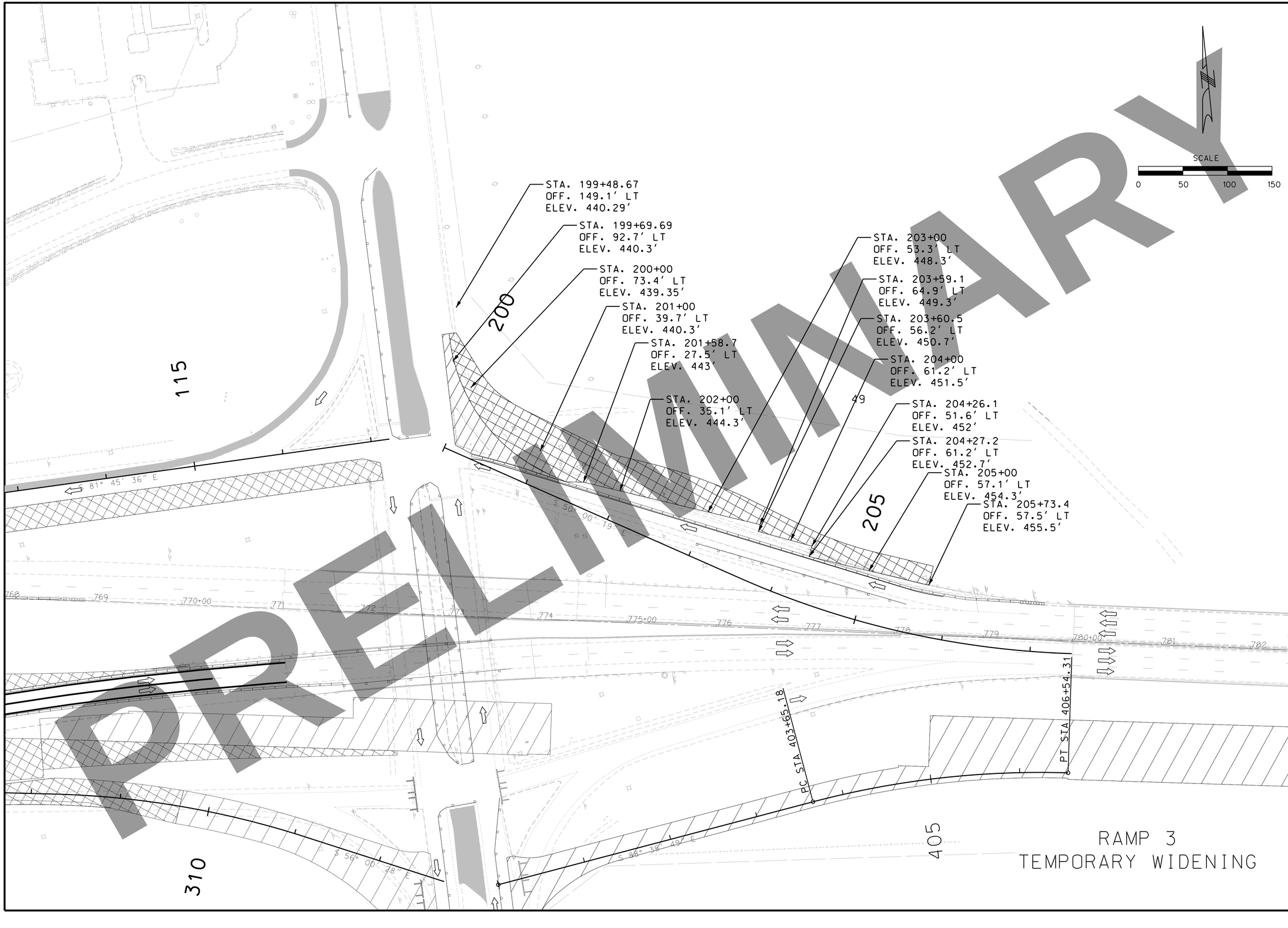
DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS
550 MARYSVILLE CENTRE DRIVE
SUITE 400 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND
RIVERVIEW DRIVE
TRAFFIC CONTROL
TEMPORARY WB
I-270 PROFILE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.




PRELIMINARY

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |

| DISTRICT | SHEET NO. |
|---|---|
| SL | 99 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | DESCRIPTION |
|---|---|
| | |

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

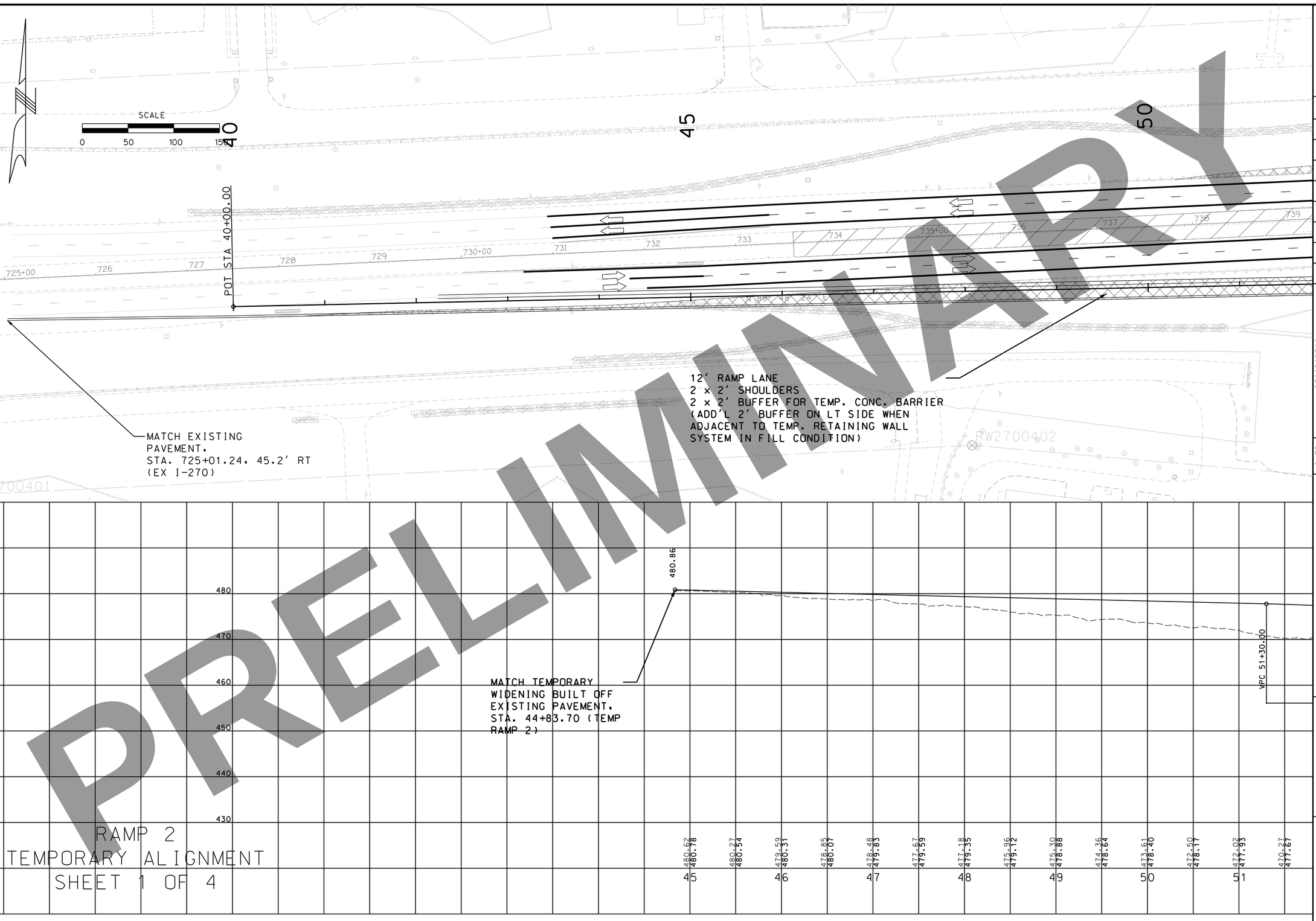
MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS

200 MARYSVILLE CENTRE DRIVE
SUITE 400, ST. LOUIS, MO 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND
RIVERVIEW DRIVE
TRAFFIC CONTROL
TEMPORARY RAMP 3




PRELIMINARY

RAMP 2
TEMPORARY ALIGNMENT
SHEET 1 OF 4

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 100 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | DESCRIPTION |
|---|---|

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

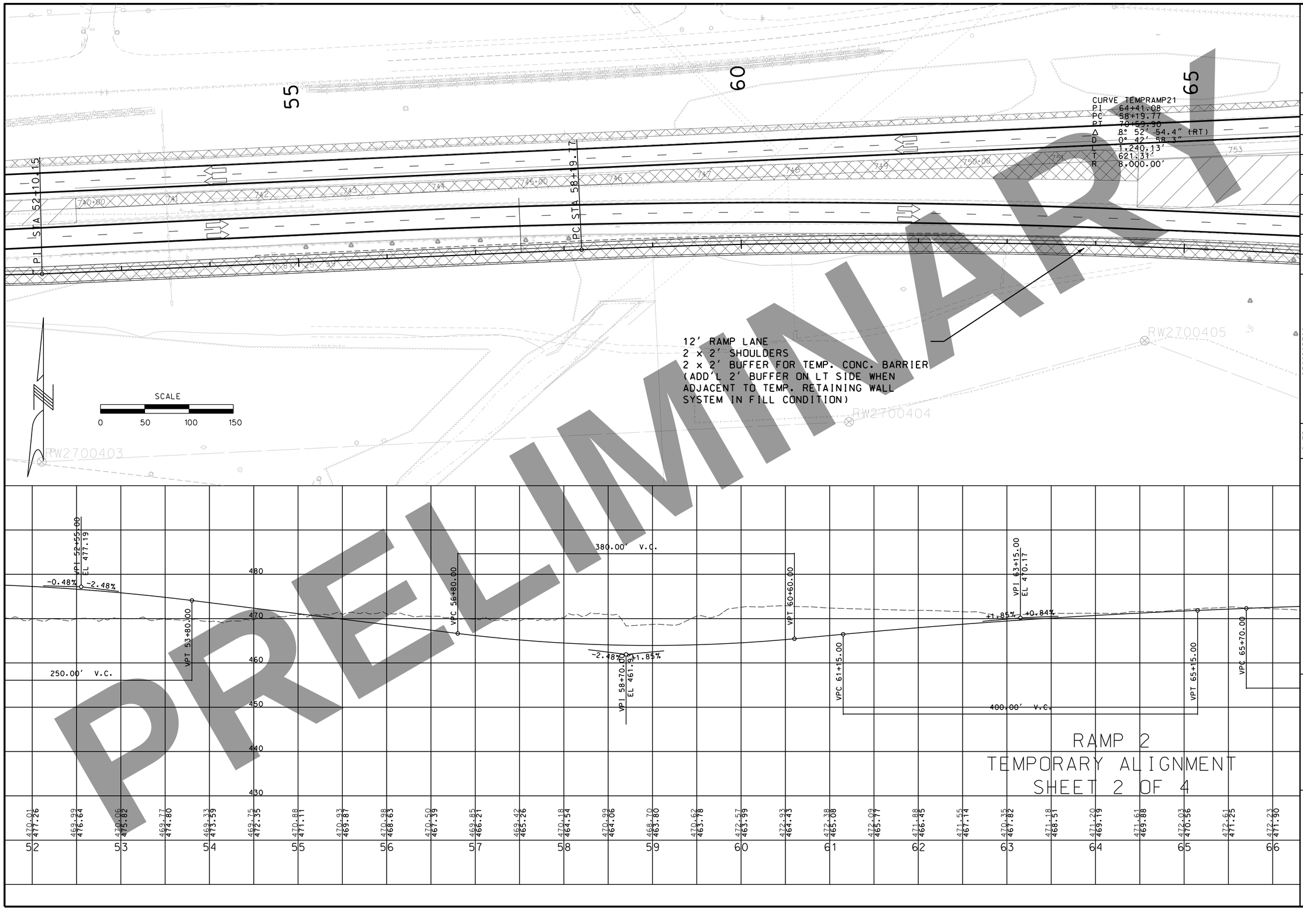
MISSOURI HIGHWAYS AND TRANSPORTION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS

530 MARYSVILLE CENTRE DRIVE
SUITE 400 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND
RIVERVIEW DRIVE
TRAFFIC CONTROL
TEMPORARY RAMP 2
ALIGNMENT




PRELIMINARY

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 101 |

COUNTY
ST. LOUIS CITY/
ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

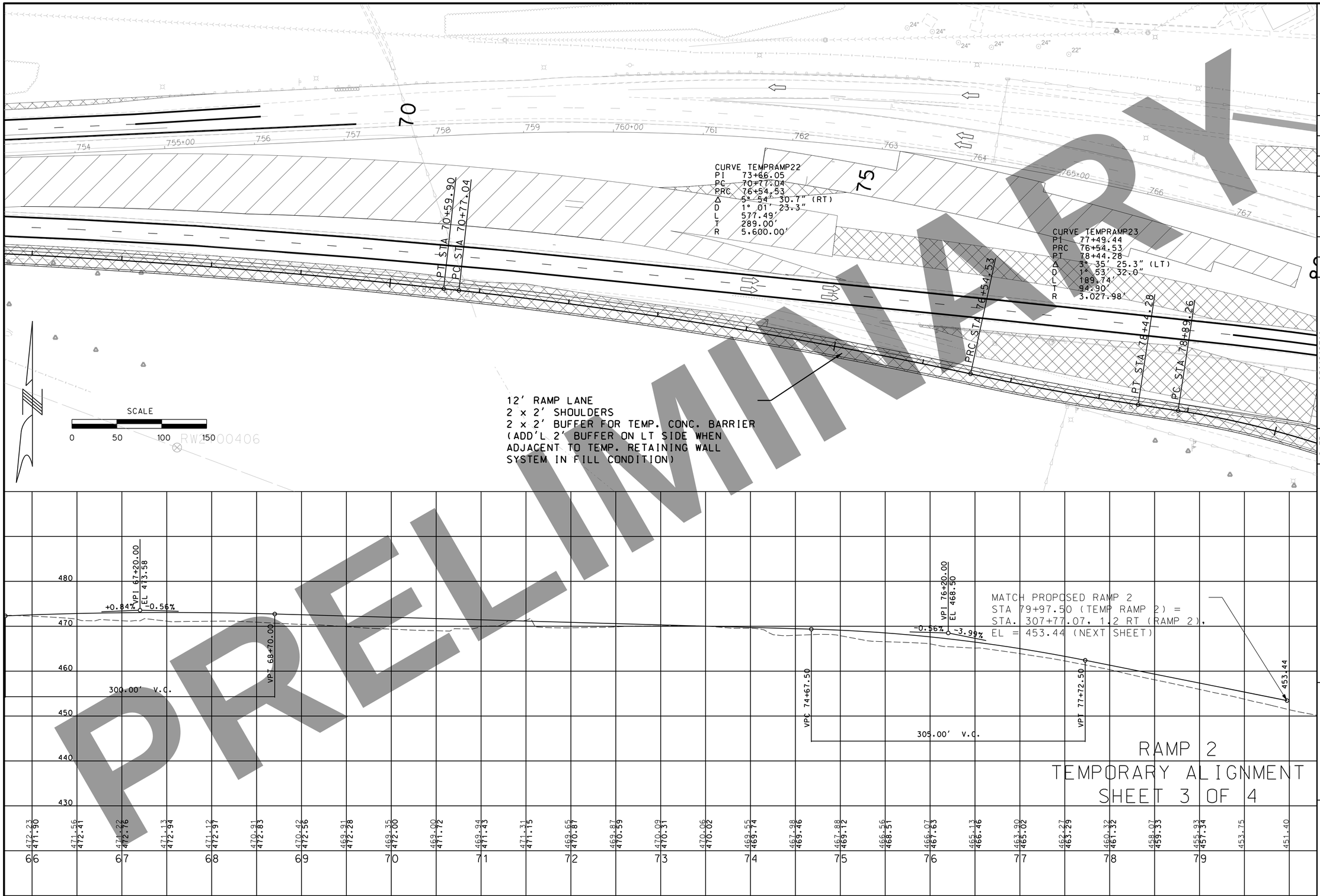
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS
530 MARYSVILLE CENTRE DRIVE
SUITE 400 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND
RIVERVIEW DRIVE
TRAFFIC CONTROL
TEMPORARY RAMP 2
ALIGNMENT

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.




PRELIMINARY

RW2 00406

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 102 |

COUNTY
ST. LOUIS CITY/
ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
|---|---|

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

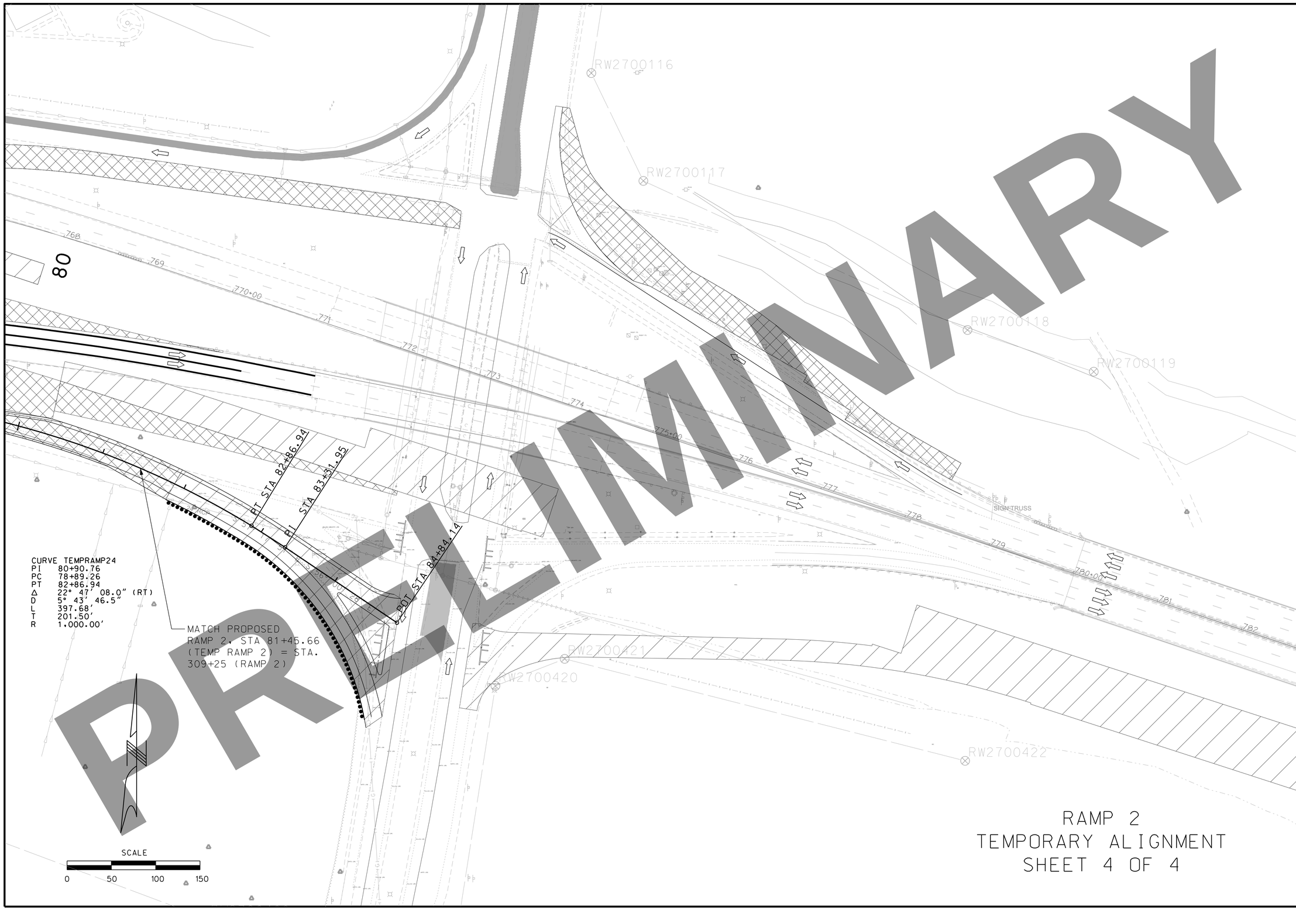
MISSOURI HIGHWAYS AND TRANSPORTION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS
530 MARYSVILLE CENTRE DRIVE
SUITE 400 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

# I-270 AND RIVERVIEW DRIVE TRAFFIC CONTROL TEMPORARY RAMP 2 ALIGNMENT

## RAMP 2
## TEMPORARY ALIGNMENT
## SHEET 3 OF 4




PRELIMINARY

RAMP 2
TEMPORARY ALIGNMENT
SHEET 4 OF 4

DATE

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 103 |

COUNTY
ST. LOUIS CITY/
ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
|---|---|

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

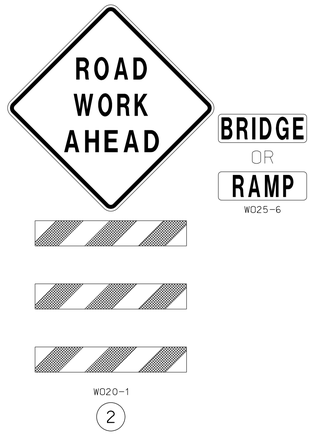
MoDOT

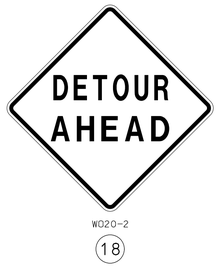
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

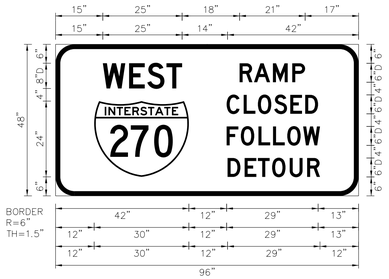
PARSONS

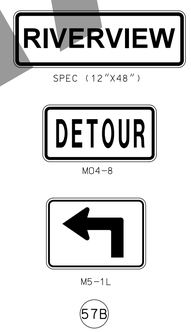
501 MARYVILLE CENTRE DRIVE
SUITE 400 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

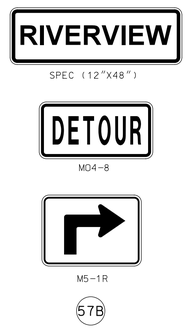
I-270 AND
RIVERVIEW DRIVE
TRAFFIC CONTROL
TEMPORARY RAMP 2
ALIGNMENT

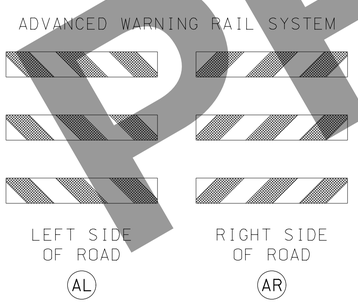


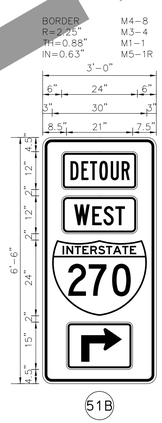






NOT TO SCALE

MAINTENANCE OF TRAFFIC
DETOUR SHEET 1 OF 7
SIGN DETAILS

PRELIMINARY

DATE

DATE PREPARED
17-MAR-2022

ROUTE I-270 | STATE MO

DISTRICT SL | SHEET NO. 104

COUNTY
ST. LOUIS CITY/
ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | DESCRIPTION |
|---|---|

MISSOURI HIGHWAYS AND TRANSPORTION COMMISSION

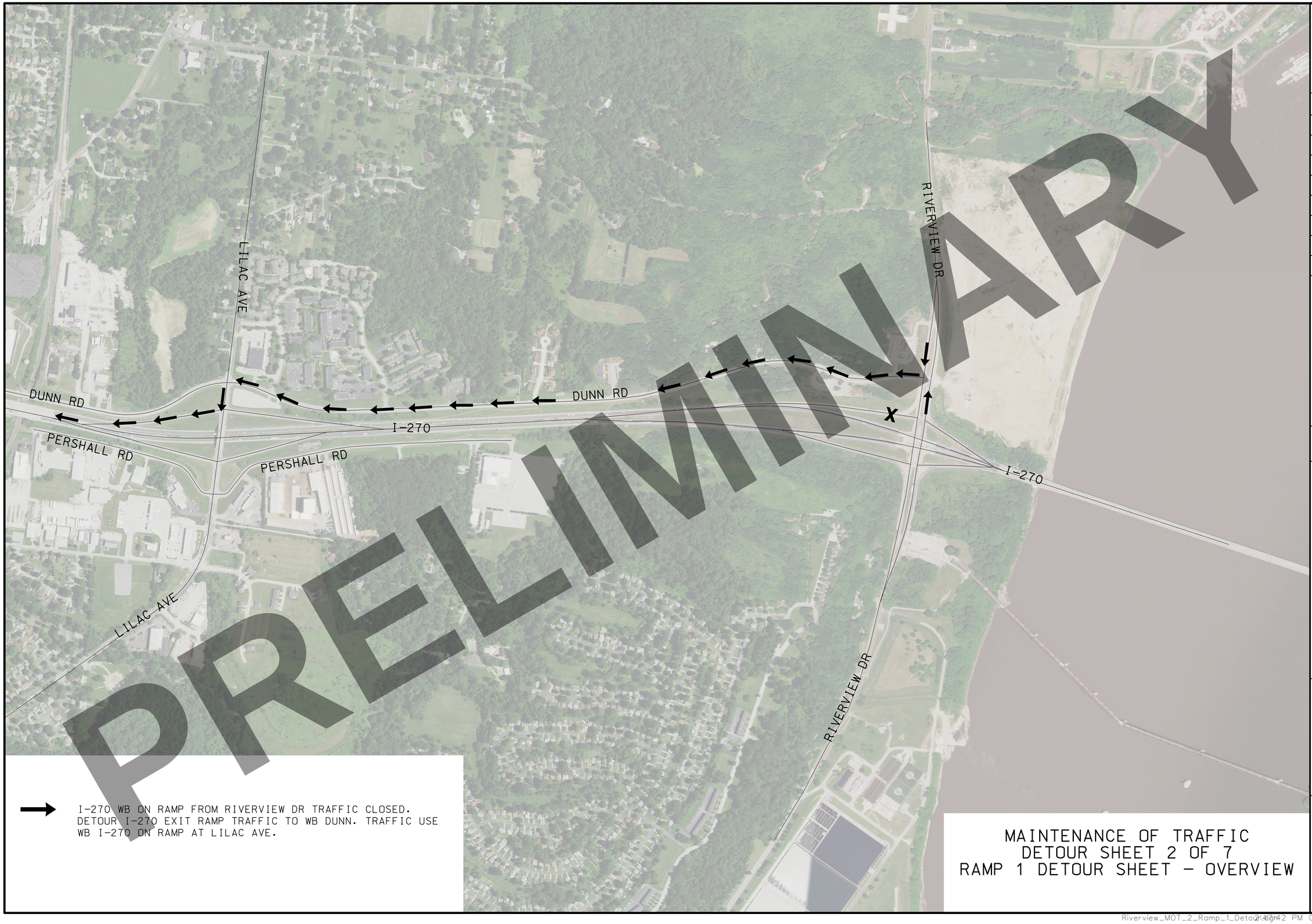
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS
520 MARYSVILLE CENTRE DRIVE
SUITE 400, ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000429
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND
RIVERVIEW DRIVE
TRAFFIC CONTROL
DETOURS

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.




→ I-270 WB ON RAMP FROM RIVERVIEW DR TRAFFIC CLOSED. DETOUR I-270 EXIT RAMP TRAFFIC TO WB DUNN. TRAFFIC USE WB I-270 ON RAMP AT LILAC AVE.

# MAINTENANCE OF TRAFFIC
# DETOUR SHEET 2 OF 7
# RAMP 1 DETOUR SHEET – OVERVIEW

DATE

DATE PREPARED
17-MAR-2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |

| DISTRICT | SHEET NO. |
|---|---|
| SL | 105 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
|---|---|

MISSOURI HIGHWAYS AND TRANSPORTION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS

530 MARYSVILLE CENTRE DRIVE
SUITE 400 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW DRIVE TRAFFIC CONTROL DETOURS

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.

NOTE:

SEE ADVANCE SIGNING SHEET FOR ADDITIONAL SIGN PLACEMENT

PRELIMINARY

# MAINTENANCE OF TRAFFIC
## DETOUR SHEET 3 OF 7
## RAMP 1 DETOUR SHEET – SIGNS

DATE

DATE PREPARED: 17-MAR-2022

ROUTE: I-270 | STATE: MO

DISTRICT: SL | SHEET NO.: 106

COUNTY: ST. LOUIS CITY/ ST. LOUIS

JOB NO.: J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
|---|---|
| | |

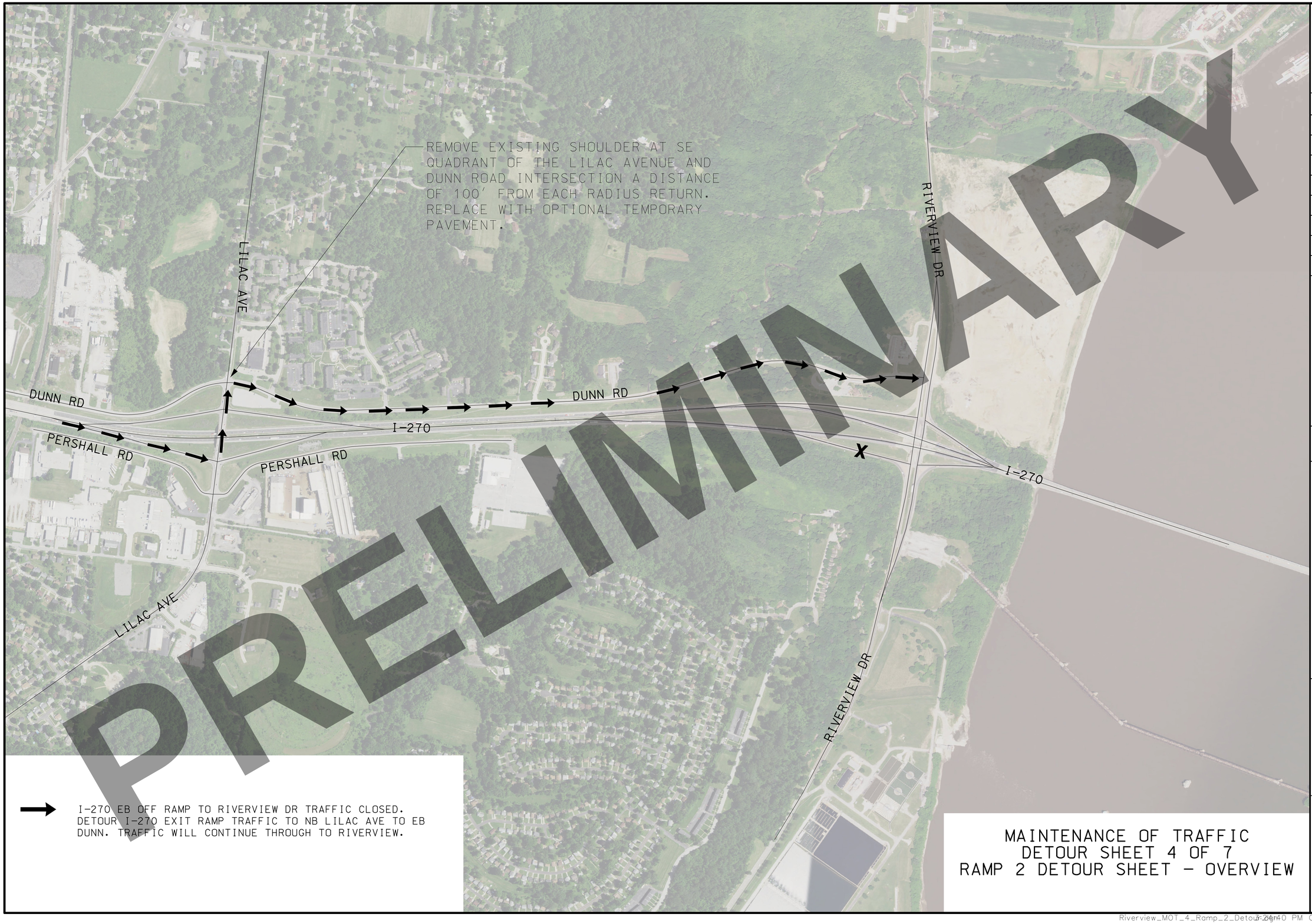
MISSOURI HIGHWAYS AND TRANSPORTION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS
530 MARYSVILLE CENTRE DRIVE
SUITE 400 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000029
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW DRIVE TRAFFIC CONTROL DETOURS

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.




PRELIMINARY

# MAINTENANCE OF TRAFFIC
# DETOUR SHEET 4 OF 7
# RAMP 2 DETOUR SHEET – OVERVIEW

DATE

DATE PREPARED
17-MAR-2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |

| DISTRICT | SHEET NO. |
|---|---|
| SL | 107 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | DESCRIPTION | REV. |
|---|---|---|
| | | |

MISSOURI HIGHWAYS AND TRANSPORTION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS
530 MARYSVILLE CENTRE DRIVE
SUITE 400 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW DRIVE TRAFFIC CONTROL DETOURS

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MAINTENANCE OF TRAFFIC
DETOUR SHEET 5 OF 7
RAMP 2 DETOUR SHEET – SIGNS

DATE

DATE PREPARED
17-MAR-2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 108 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
|---|---|

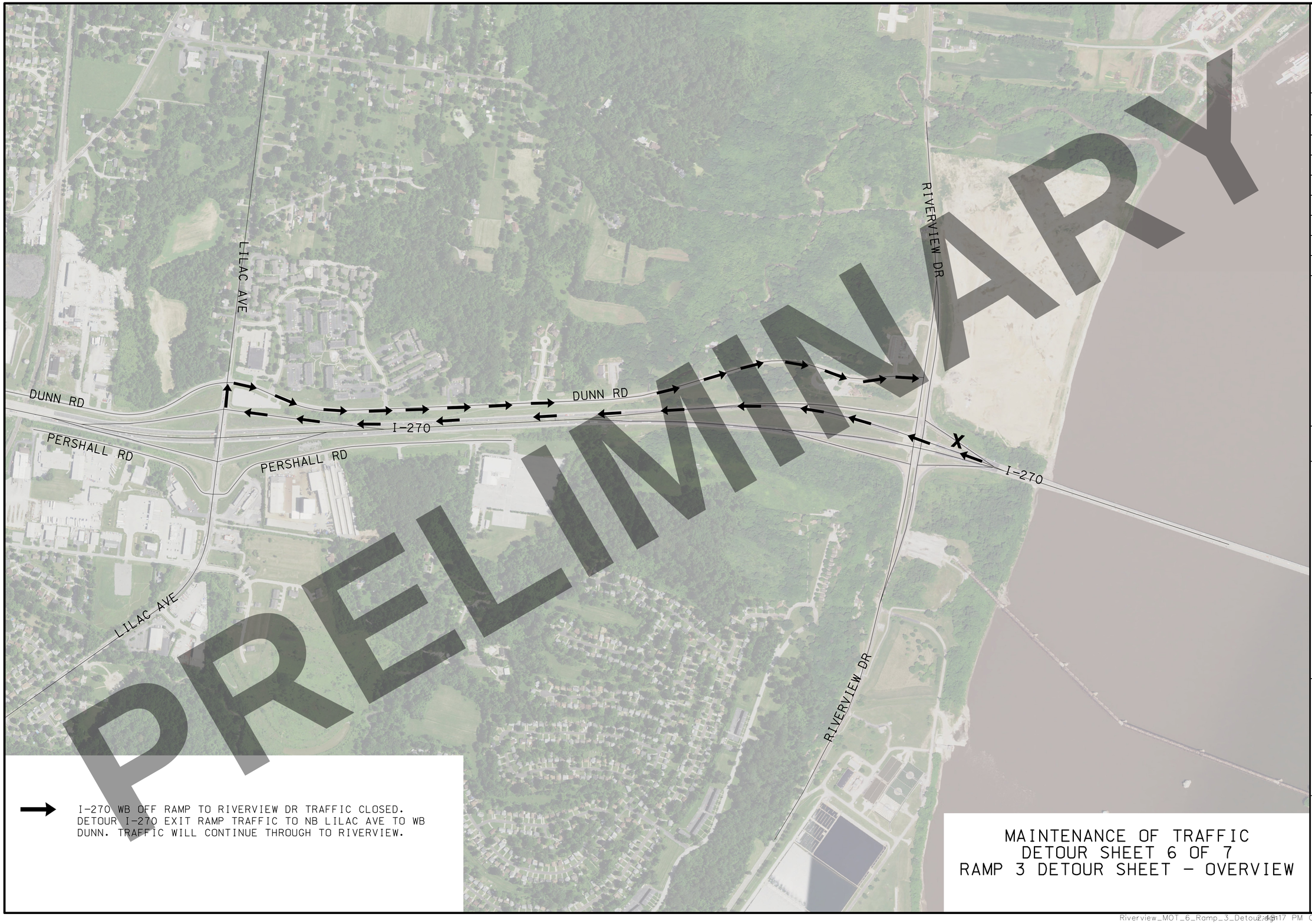
MISSOURI HIGHWAYS AND TRANSPORTION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS
530 MARYSVILLE CENTRE DRIVE
SUITE 400 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000679
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW DRIVE TRAFFIC CONTROL DETOURS

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.




PRELIMINARY

I-270 WB OFF RAMP TO RIVERVIEW DR TRAFFIC CLOSED.
DETOUR I-270 EXIT RAMP TRAFFIC TO NB LILAC AVE TO WB DUNN. TRAFFIC WILL CONTINUE THROUGH TO RIVERVIEW.

# MAINTENANCE OF TRAFFIC
## DETOUR SHEET 6 OF 7
## RAMP 3 DETOUR SHEET – OVERVIEW

DATE

DATE PREPARED
17-MAR-2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |

| DISTRICT | SHEET NO. |
|---|---|
| SL | 109 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

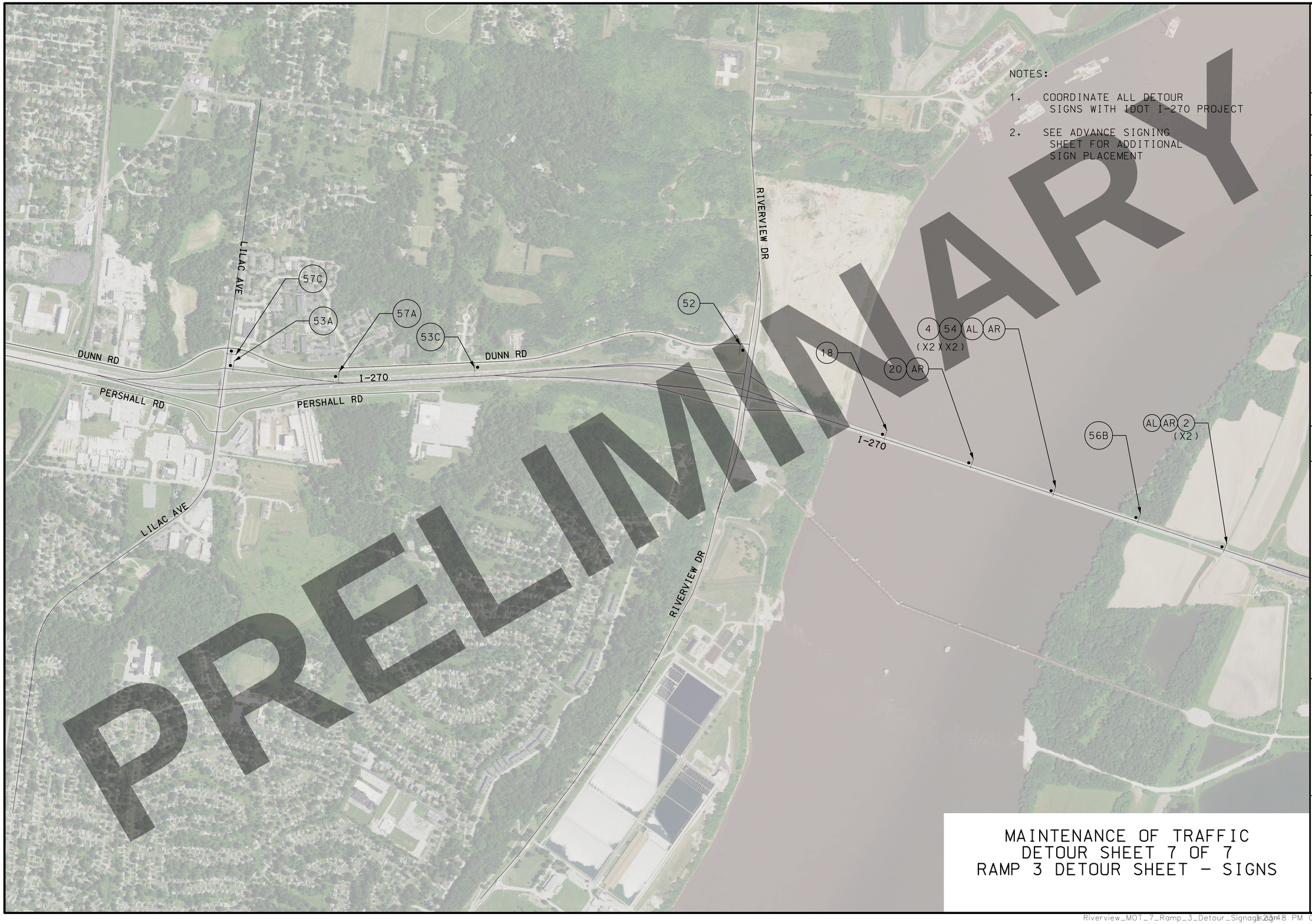
| DATE | DESCRIPTION | REV. |
|---|---|---|
| | | |

MISSOURI HIGHWAYS AND TRANSPORTION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS
530 MARYSVILLE CENTRE DRIVE
SUITE 600 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000479
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW DRIVE TRAFFIC CONTROL DETOURS

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.




NOTES:

1. COORDINATE ALL DETOUR SIGNS WITH IDOT I-270 PROJECT
2. SEE ADVANCE SIGNING SHEET FOR ADDITIONAL SIGN PLACEMENT

PRELIMINARY

# MAINTENANCE OF TRAFFIC
## DETOUR SHEET 7 OF 7
## RAMP 3 DETOUR SHEET - SIGNS

DATE

DATE PREPARED
17-MAR-2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |

| DISTRICT | SHEET NO. |
|---|---|
| SL | 110 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
|---|---|
| | |

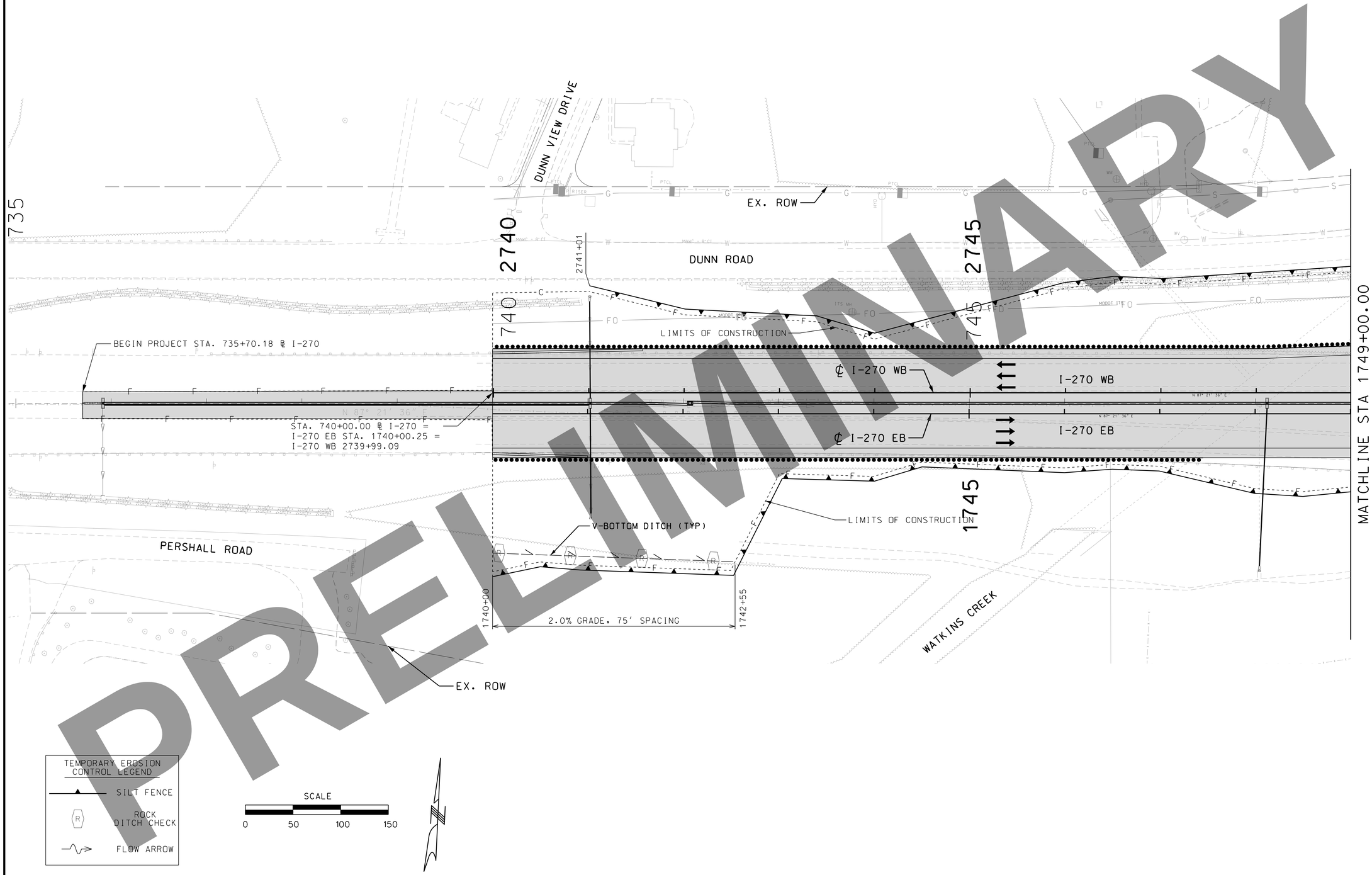
MISSOURI HIGHWAYS AND TRANSPORTION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PARSONS
530 MARYSVILLE CENTRE DRIVE
SUITE 600 ST. LOUIS, MISSOURI 63141
CERTIFICATE OF AUTHORITY: 000279
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW DRIVE TRAFFIC CONTROL DETOURS

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.




PRELIMINARY

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE

DATE PREPARED
3/16/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 111 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
|---|---|

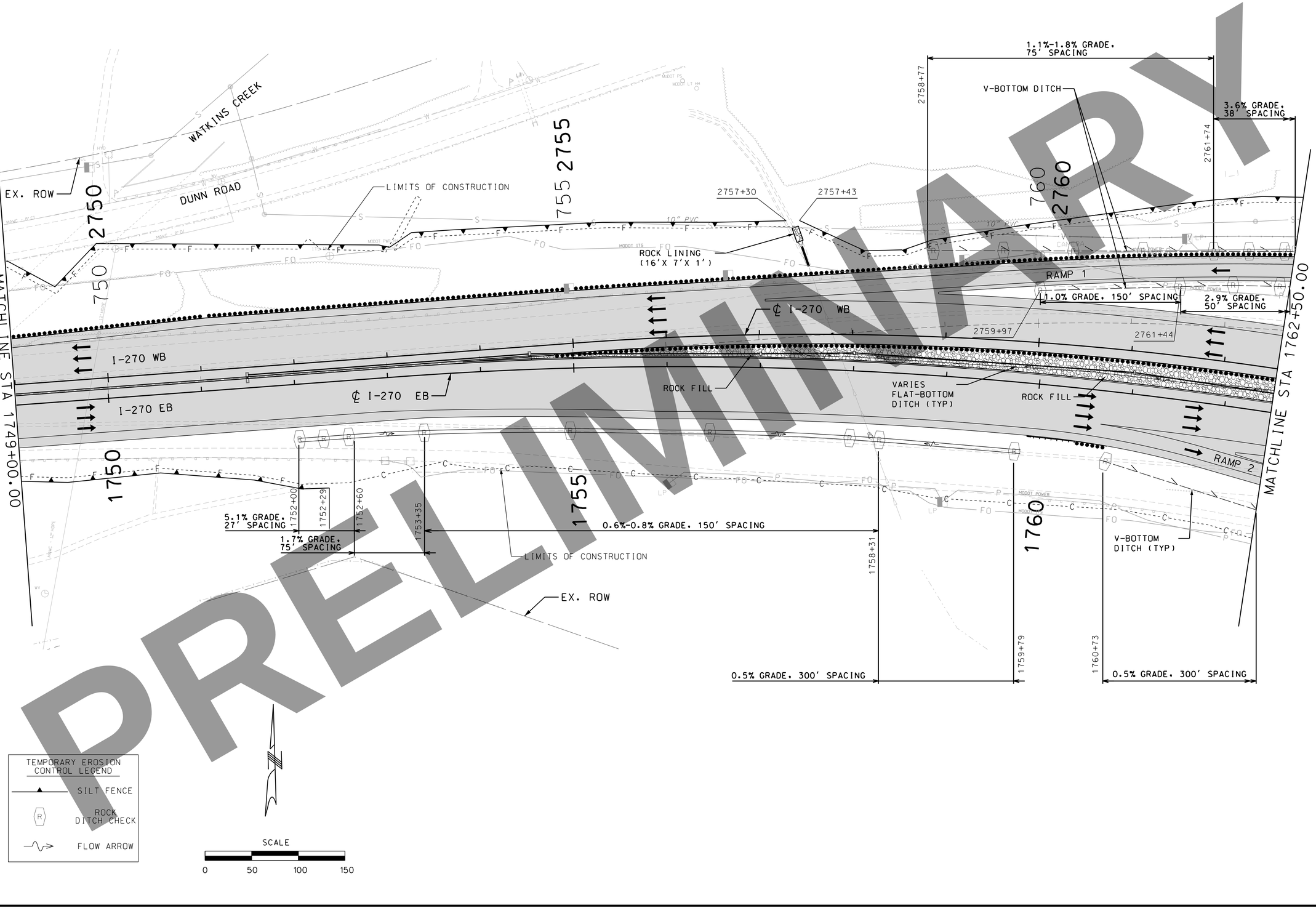
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HORNER SHIFRIN
401 S. 18TH ST., STE. 400 ST. LOUIS, MO 63103
314-531-4321 - FAX 314-531-0986
WWW.HORNERSHIFRIN.COM
DISCIPLINE: PROFESSIONAL ENGINEERING
CERTIFICATE OF AUTHORITY: 000159
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW

EROSION CONTROL
SHEET 1 OF 5




PRELIMINARY

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE

DATE PREPARED
3/16/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 112 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | DESCRIPTION |
|---|---|

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

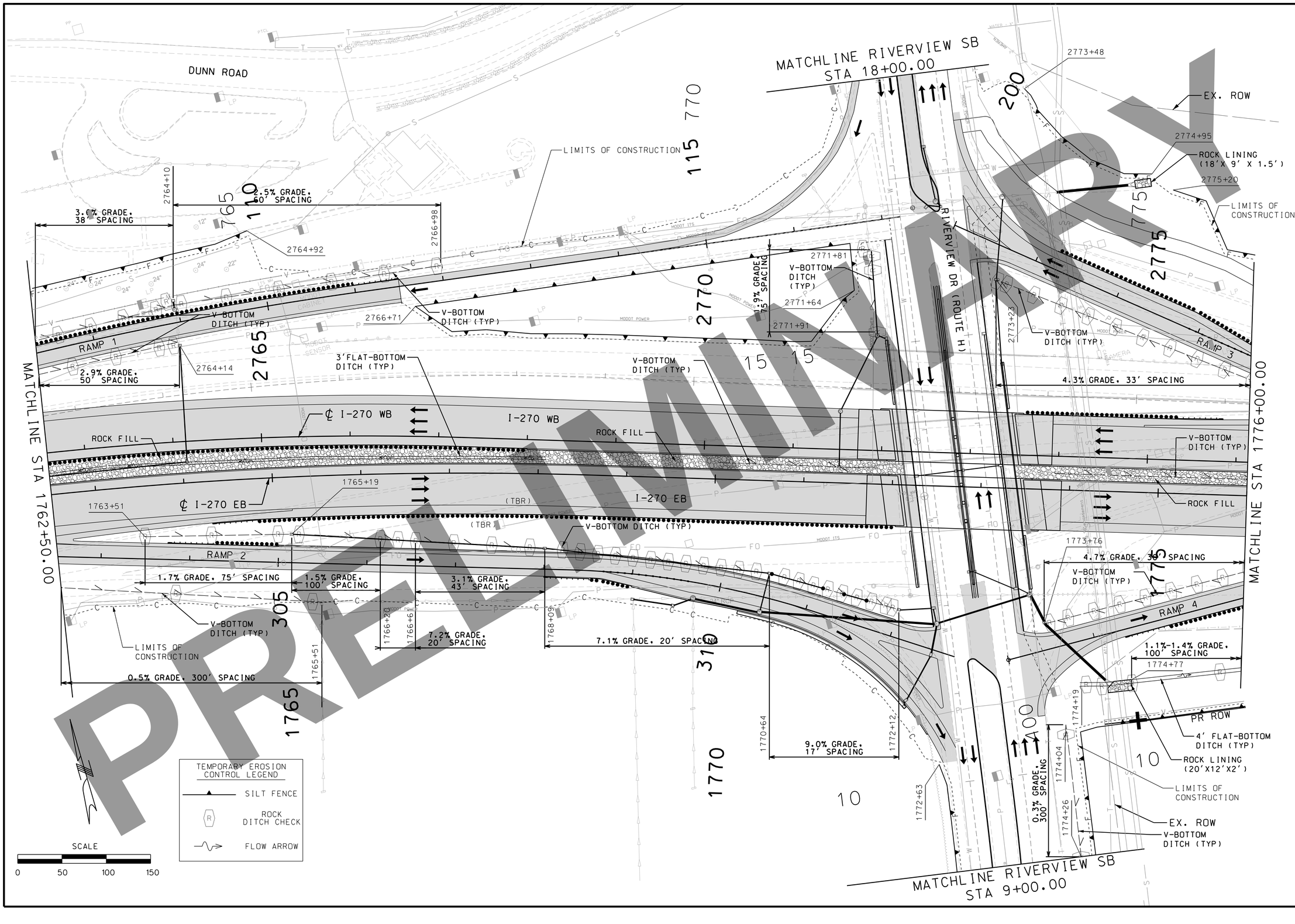
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HORNER SHIFRIN
401 S. 18TH ST., STE. 400 ST. LOUIS, MO 63103
314-631-4321 - FAX 314-631-4366
WWW.HORNERSHIFRIN.COM
DISCIPLINE: PROFESSIONAL ENGINEERING
CERTIFICATE OF AUTHORITY: F001169
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW

EROSION CONTROL
SHEET 2 OF 5




PRELIMINARY
PRELIMINARY

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

| | |
|---|---|
| DATE | |
| DATE PREPARED | 3/16/2022 |
| ROUTE | I-270 |
| STATE | MO |
| DISTRICT | SL |
| SHEET NO. | 113 |
| COUNTY | ST. LOUIS CITY/ ST. LOUIS |
| JOB NO. | J6I3020C |
| CONTRACT ID. | |
| PROJECT NO. | |
| BRIDGE NO. | |

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

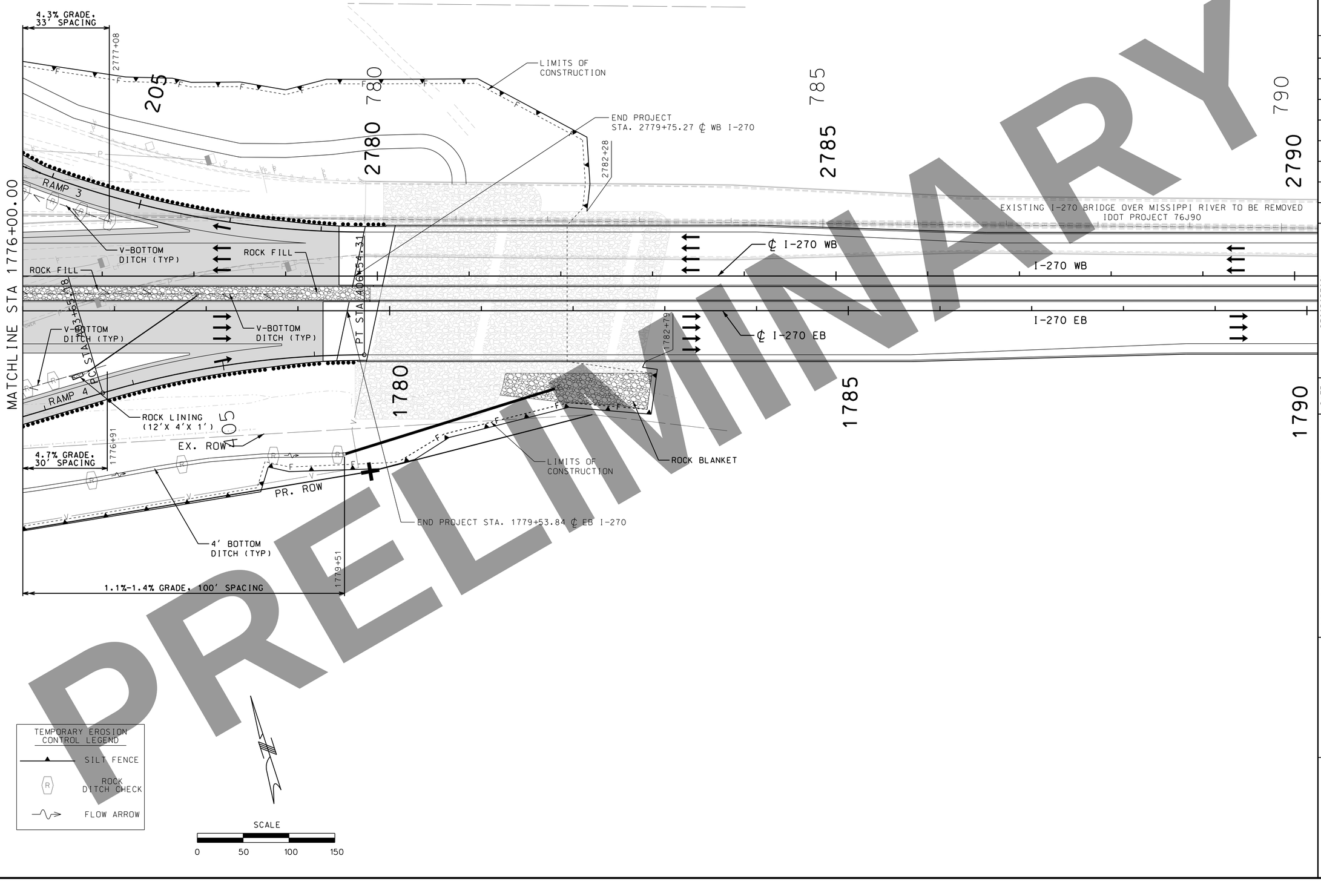
MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HORNER SHIFRIN
401 S. 18TH ST., STE. 400 ST. LOUIS, MO 63103
314-631-4321 - FAX 314-631-6966
WWW.HORNERSHIFRIN.COM
DISCIPLINE: PROFESSIONAL ENGINEERING
CERTIFICATE OF AUTHORITY: 000159
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND RIVERVIEW

EROSION CONTROL
SHEET 3 OF 5




PRELIMINARY

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE

DATE PREPARED
3/16/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 114 |

COUNTY
ST. LOUIS CITY/
ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HORNER SHIFRIN
401 S. 18TH ST., STE. 400 ST. LOUIS, MO 63103
314-531-4321 - FAX 314-531-6866
WWW.HORNERSHIFRIN.COM
DISCIPLINE: PROFESSIONAL ENGINEERING
CERTIFICATE OF AUTHORITY: 000159
EXPIRATION DATE: DECEMBER 31, 2022

I-270 AND
RIVERVIEW

EROSION CONTROL
SHEET 4 OF 5

I-270 AND RIVERVIEW

EROSION CONTROL
SHEET 5 OF 5

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

| DATE | DESCRIPTION |
|---|---|
| | |

BRIDGE NO.

PROJECT NO.

CONTRACT ID.
JOB NO. J6I3020C
COUNTY/CITY ST. LOUIS CITY/ST. LOUIS
DISTRICT SL
SHEET NO. 115
ROUTE I-270
STATE MO
DATE PREPARED 3/16/2022

DATE

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

GENERAL NOTES:

1. THE INSTALLATION OF THE ROADWAY LIGHTING SHALL BE IN ACCORDANCE WITH THE MISSOURI HIGHWAY AND TRANSPORTATION COMMISSION'S STANDARD SPECIFICATIONS, LATEST EDITION.

2. EXISTING UNDERGROUND AND OVERHEAD FACILITIES, STRUCTURES AND UTILITIES IF SHOWN ON THESE PLANS, SHALL BE CONSIDERED APPROXIMATE ONLY. VERIFICATION OF THE LOCATIONS OF ALL EXISTING UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES, EITHER SHOWN OR NOT SHOWN ON THESE PLANS, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, AND SHALL BE VERIFIED PRIOR TO ANY GRADING, EXCAVATION OR CONSTRUCTION OF IMPROVEMENTS. CALL MISSOURI ONE-CALL SYSTEM AT 1-800-DIG-RITE (344-7483).

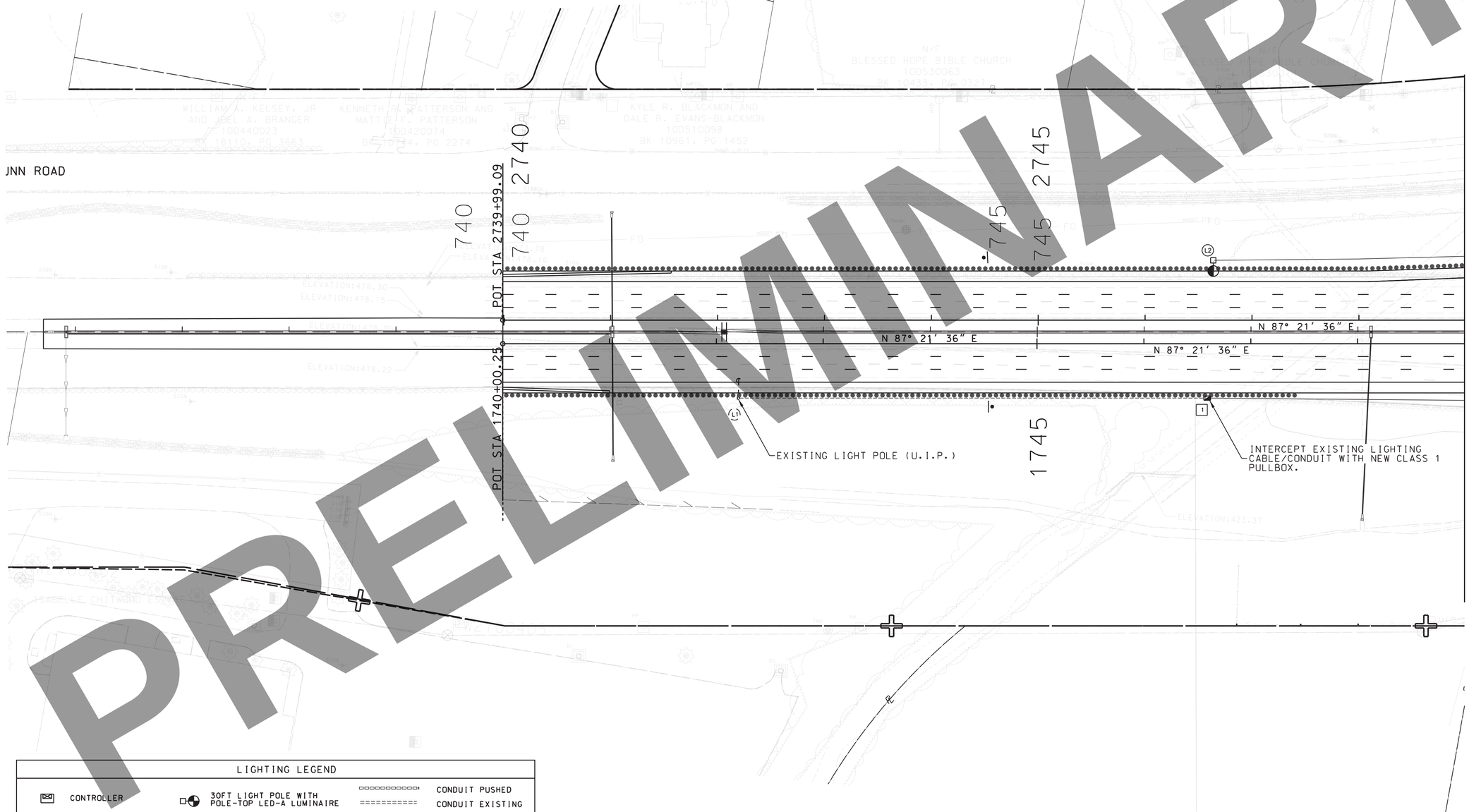
3. DIRECTIONAL BORING MAY BE USED INSTEAD OF TRENCHING OR PUSHING CONDUIT, HOWEVER, NO ADDITIONAL PAYMENT WILL BE MADE.

4. THE ROADWAY LIGHTING CONSTRUCTION SHALL BE COORDINATED WITH THE ROADWAY CONSTRUCTION. REFER TO SIGNAL PLANS FOR SIGNAL RELATED DETAILS.

5. THE CONTRACTOR WILL BE RESPONSIBLE FOR SPOTTING THE LOCATION OF ALL LIGHTING EQUIPMENT. THE CONTRACTOR SHALL NOTIFY THE MODOT INSPECTOR A MINIMUM OF ONE WEEK IN ADVANCE OF THE DESIRED DATE OF INSTALLATION.

6. ALL EXISTING CONCRETE BASES TO BE REMOVED, SHALL BE REMOVED A MINIMUM OF 12" BELOW GRADE.

SCALE
0 50 100 150




## LIGHTING LEGEND

| | | | |
|---|---|---|---|
| CONTROLLER | 30FT LIGHT POLE WITH POLE-TOP LED-A LUMINAIRE | | CONDUIT PUSHED |
| POWER SOURCE | 45FT LIGHT POLE WITH POLE-TOP LED-B LUMINAIRE | | CONDUIT EXISTING |
| POWER SUPPLY | LED-A UNDERPASS LUMINAIRE | | CONDUIT TRENCHED |
| PREFORMED PULL BOX | | | CABLE-CONDUIT |

PRELIMINARY

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED: 3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 116 |

COUNTY: ST. LOUIS CITY/ ST. LOUIS

JOB NO.: J6I3020C

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

| DATE | DESCRIPTION |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

CBB TRANSPORTATION ENGINEERS+PLANNERS
13400 OLIVE BLVD, SUITE #301
CHESTERFIELD, MO 63141
(314) 878-6644
www.cbbinc.com
MISSOURI CERTIFICATE OF AUTHORITY #000551 - EXP DATE 6-30-2023

MISSOURI PROFESSIONAL ENGINEERING CERTIFICATE

I-270 AND RIVERVIEW

LIGHTING PLAN
SHEET 1 OF 5

GENERAL NOTES:

1.THE INSTALLATION OF THE ROADWAY LIGHTING SHALL BE IN ACCORDANCE WITH THE MISSOURI HIGHWAY AND TRANSPORTATION COMMISSION'S STANDARD SPECIFICATIONS, LATEST EDITION.

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3.DIRECTIONAL BORING MAY BE USED INSTEAD OF TRENCHING OR PUSHING CONDUIT, HOWEVER, NO ADDITIONAL PAYMENT WILL BE MADE.

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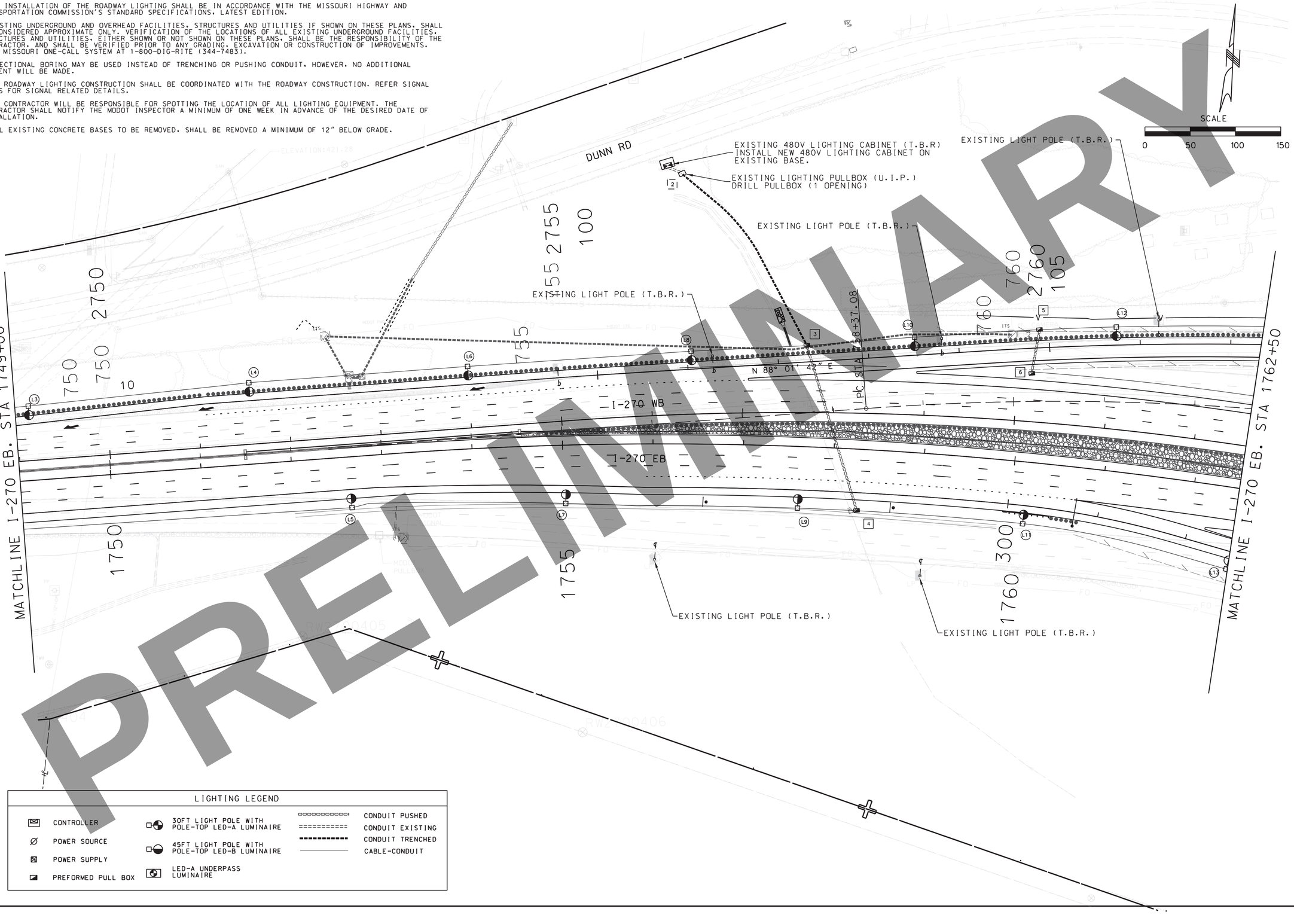
5.THE CONTRACTOR WILL BE RESPONSIBLE FOR SPOTTING THE LOCATION OF ALL LIGHTING EQUIPMENT. THE CONTRACTOR SHALL NOTIFY THE MODOT INSPECTOR A MINIMUM OF ONE WEEK IN ADVANCE OF THE DESIRED DATE OF INSTALLATION.

6. ALL EXISTING CONCRETE BASES TO BE REMOVED, SHALL BE REMOVED A MINIMUM OF 12" BELOW GRADE.




LIGHTING LEGEND

| | | | |
|---|---|---|---|
| CONTROLLER | 30FT LIGHT POLE WITH POLE-TOP LED-A LUMINAIRE | | CONDUIT PUSHED |
| POWER SOURCE | 45FT LIGHT POLE WITH POLE-TOP LED-B LUMINAIRE | | CONDUIT EXISTING |
| POWER SUPPLY | LED-A UNDERPASS LUMINAIRE | | CONDUIT TRENCHED |
| PREFORMED PULL BOX | | | CABLE-CONDUIT |

PRELIMINARY

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED 3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 117 |

COUNTY: ST. LOUIS CITY/ ST. LOUIS

JOB NO. J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
|---|---|
| | |

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

CBB TRANSPORTATION ENGINEERS+PLANNERS
12440 OLIVE BLVD, SUITE 430
ST. LOUIS, MO 63141
(314) 576-6464
(CHATTANOOGA, ST. LOUIS, MO, COLLINSVILLE, IL)
www.cbbtrans.com
MISSOURI CERTIFICATE OF AUTHORITY #000333 - EXPIRES 31 2020
ILLINOIS CERTIFICATE OF AUTHORITY #0055053 - EXPIRES 31 2020

I-270 AND RIVERVIEW

LIGHTING PLAN
SHEET 2 OF 5

GENERAL NOTES:

1. THE INSTALLATION OF THE ROADWAY LIGHTING SHALL BE IN ACCORDANCE WITH THE MISSOURI HIGHWAY AND TRANSPORTATION COMMISSION'S STANDARD SPECIFICATIONS, LATEST EDITION.

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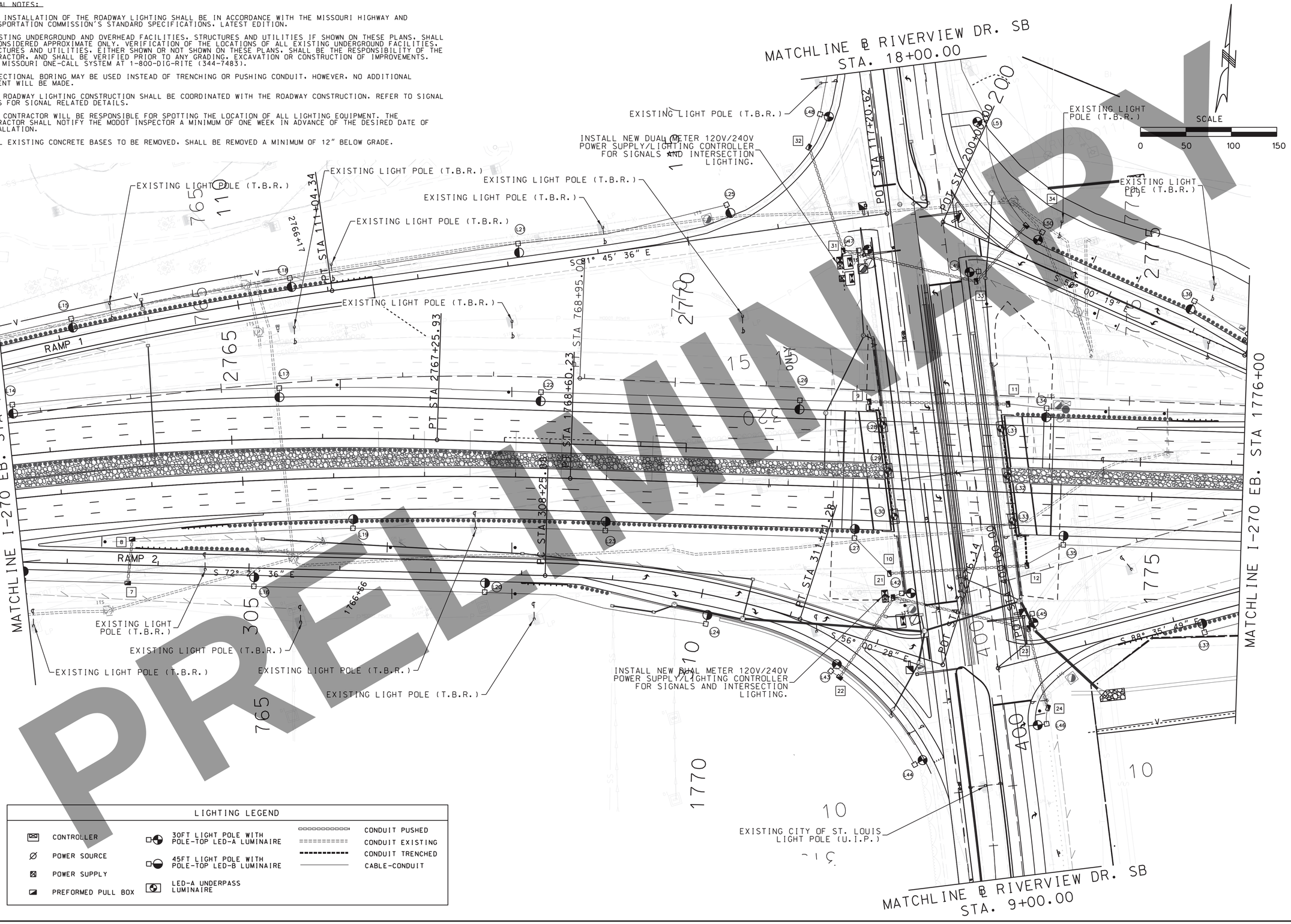


LIGHTING LEGEND

| | | | |
|---|---|---|---|
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| POWER SUPPLY | LED-A UNDERPASS LUMINAIRE | | CONDUIT TRENCHED |
| PREFORMED PULL BOX | | | CABLE-CONDUIT |

PRELIMINARY

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DATE PREPARED 3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 118 |

COUNTY: ST. LOUIS CITY/ ST. LOUIS

JOB NO. J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | DESCRIPTION |
|---|---|
| | |

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

CBB TRANSPORTATION ENGINEERS+PLANNERS
12340 OLIVE BLVD. SUITE 430
ST. LOUIS, MO 63141
(314) 878-6444
(SOUTHERN ST. LOUIS, MO, JEFFERSON CITY, MO & COLLINSVILLE, IL)
www.cbbtrans.com
MISSOURI CERTIFICATE OF AUTHORITY #000333 - EXP DEC 31, 2020
ILLINOIS PROFESSIONAL ENGINEERING CORPORATION CERTIFICATE OF AUTHORITY #184.005333 - EXP DEC 31, 2020

I-270 AND RIVERVIEW

LIGHTING PLAN
SHEET 3 OF 5

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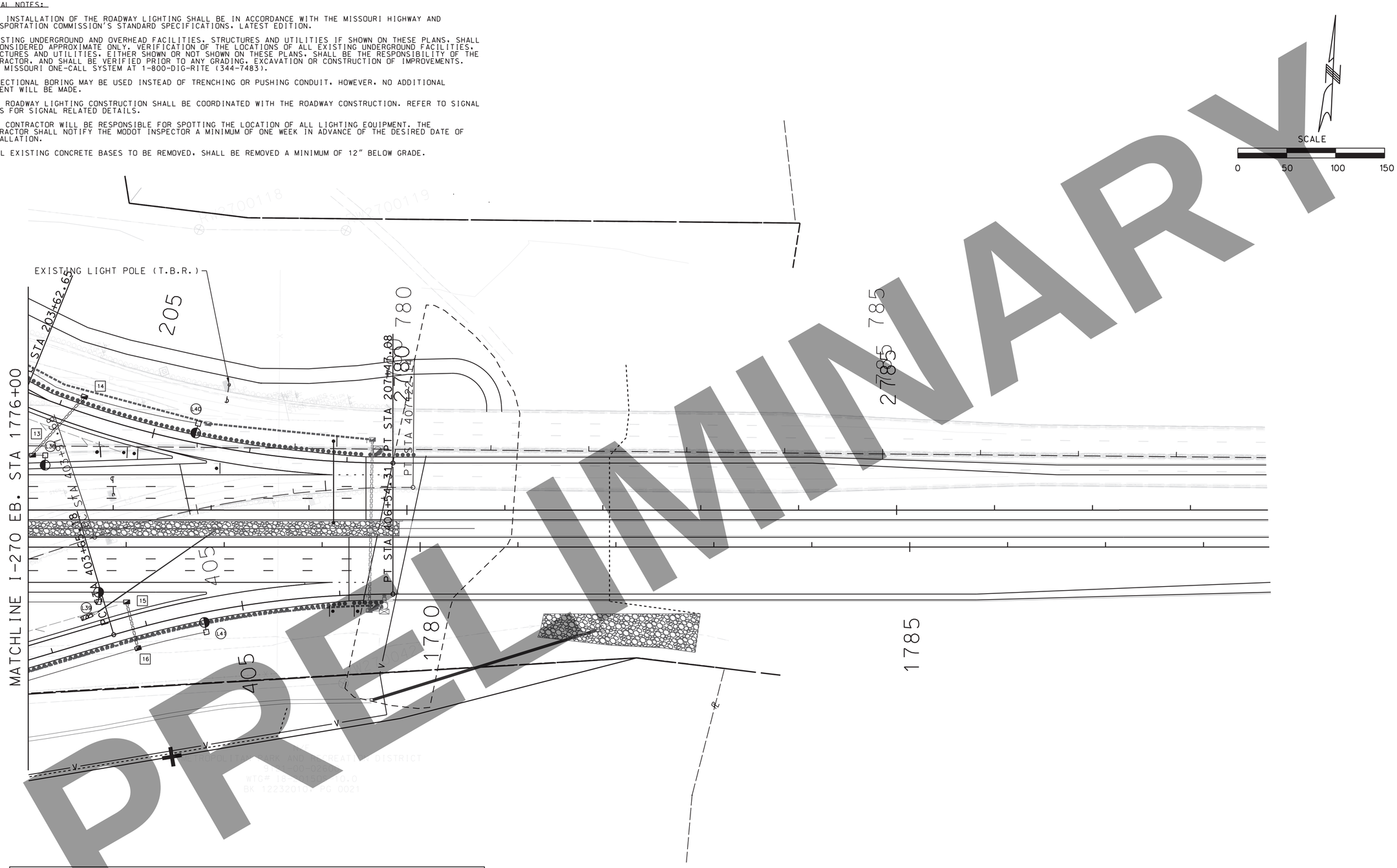


LIGHTING LEGEND

| | |
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| PREFORMED PULL BOX | CONDUIT PUSHED |
| | CONDUIT EXISTING |
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| | CABLE-CONDUIT |

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DATE PREPARED 3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 119 |

COUNTY: ST. LOUIS CITY/ ST. LOUIS

JOB NO. J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

CBB TRANSPORTATION ENGINEERS+PLANNERS

12400 OLIVE BLVD, SUITE 430
ST. LOUIS, MO 63141
(314) 872-6444

LOCATIONS IN ST. LOUIS, MO.
KANSAS CITY, MO
COLLINSVILLE, IL

www.cbbtraffic.com

MISSOURI CERTIFICATE OF AUTHORITY #000333 - EXPIRES 31 2023

I-270 AND RIVERVIEW

LIGHTING PLAN
SHEET 4 OF 5

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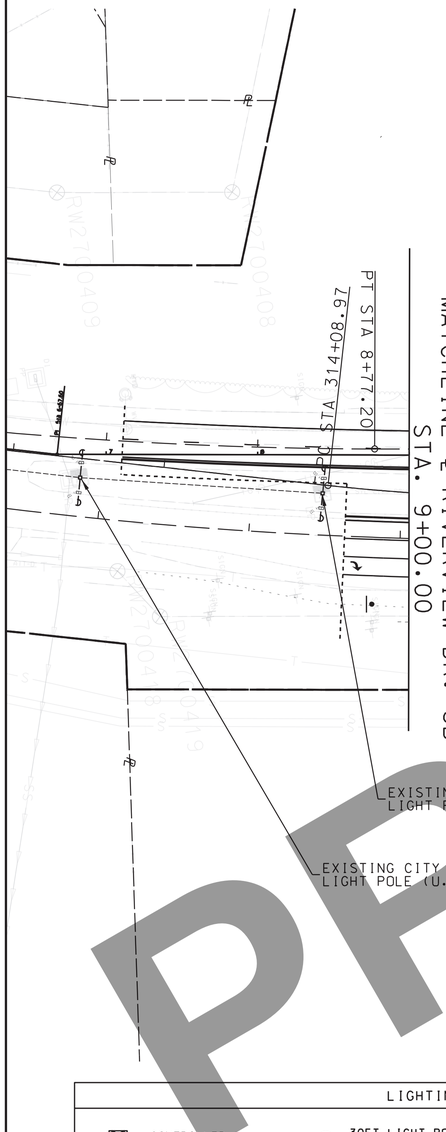


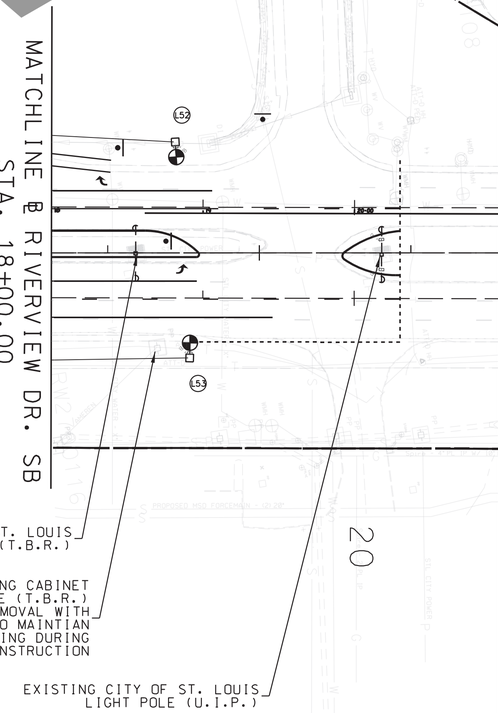


LIGHTING LEGEND

| | | | |
|---|---|---|---|
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| POWER SOURCE | 45FT LIGHT POLE WITH POLE-TOP LED-B LUMINAIRE | | CONDUIT EXISTING |
| POWER SUPPLY | LED-A UNDERPASS LUMINAIRE | | CONDUIT TRENCHED |
| PREFORMED PULL BOX | | | CABLE-CONDUIT |

SCALE
0 50 100 150

PRELIMINARY

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED 3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 120 |

COUNTY: ST. LOUIS CITY/ ST. LOUIS

JOB NO. J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

CBB TRANSPORTATION ENGINEERS & PLANNERS
12440 OLIVE BLVD. SUITE 430
ST. LOUIS, MO. 63141
(T) 314.576.4444
www.cbbtrans.com
MISSOURI CERTIFICATE OF AUTHORITY #000351 - EXPIRES 31 2023
ILLINOIS CERTIFICATE OF AUTHORITY #184.007.0 - EXPIRES 4-30-2023

I-270 AND RIVERVIEW

LIGHTING PLAN
SHEET 5 OF 5

# MISSOURI HIGHWAY AND TRANSPORTATION COMMISSION

## SUMMARY OF QUANTITIES

| SHEET NO. | LUMIN. POLE NO. | STATION | OFFSET | LOCATION | POLES, ARMS AND LUMINAIRES: POLES: 50' | 45' | 40' | 35' | 30' | B DX | MB DX | HIGH MAST | BRACKET ARMS (ft): TOP MOUNT | 4' | 6' | 8' | 10' | 12' | 15' | L.E.D. LUMINAIRES (I.E.S. PATTERNS): LED-A I | II | III | IV | V | LED-B I | II | III | IV | V | LED-C I | II | III | IV | V | LED-A UNDRPS | FOUNDATIONS: 30' | 45' | HIGH MAST | CABLE #10 AWG 1 COND. LUMIN. POLE & BRKT. FEET | CIRCUIT | POLE NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | L1 | U.I.P. | U.I.P. | I-270 EB | | UIP | | | | | | | | | | | | | UIP | | | | | | | | | | | | | | | | | | UIP | | UIP | A-4 | L1 |
| | L2 | 2746+67 | 56' L | I-270 WB | | 1 | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 | | 95 | A-2 | L2 |
| | L3 | 2749+14 | 60' L | I-270 WB | | 1 | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 | | 95 | A-2 | L3 |
| | L4 | 2751+58 | 68' L | I-270 WB | | 1 | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 | | 95 | A-2 | L4 |
| | L5 | 1752+63 | 56' R | I-270 EB | | 1 | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 | | 95 | A-4 | L5 |
| | L6 | 2754+00 | 70' L | I-270 WB | | 1 | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 | | 95 | A-2 | L6 |
| | L7 | 1755+02 | 65' R | I-270 EB | | 1 | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 | | 95 | A-4 | L7 |
| | L8 | 2756+45 | 70' L | I-270 WB | | 1 | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 | | 95 | A-2 | L8 |
| | L9 | 1757+62 | 85' R | I-270 EB | | 1 | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 | | 95 | A-4 | L9 |
| | L10 | 2758+86 | 86' L | I-270 WB | | 1 | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 | | 95 | A-2 | L10 |
| | L11 | 1760+15 | 68' R | I-270 EB | | 1 | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 | | 95 | A-4 | L11 |
| | L12 | 2761+02 | 113' L | I-270 WB | | 1 | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 | | 95 | A-2 | L12 |
| | L13 | 1762+48 | 90' R | I-270 WB | | 1 | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 | | 95 | A-4 | L13 |
| | L14 | 2762+64 | 56' L | I-270 WB | | 1 | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 | | 95 | A-1 | L14 |
| | L15 | 2763+35 | 144' L | I-270 WB | | 1 | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 | | 95 | A-2 | L15 |
| | L16 | 1765+03 | 116' R | I-270 EB | | 1 | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 | | 95 | A-4 | L16 |
| | L17 | 2765+53 | 56' L | I-270 WB | | 1 | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 | | 95 | A-1 | L17 |
| | L18 | 2765+67 | 177' L | I-270 WB | | 1 | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 | | 95 | A-2 | L18 |
| | L19 | 1766+20 | 56' R | I-270 EB | | 1 | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 | | 95 | A-3 | L19 |
| | L20 | 1767+68 | 127' R | I-270 EB | | 1 | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 | | 95 | A-4 | L20 |
| | L21 | 2768+08 | 218' L | I-270 WB | | 1 | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 | | 95 | A-2 | L21 |
| | L22 | 2768+38 | 56' L | I-270 WB | | 1 | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 | | 95 | A-1 | L22 |
| | L23 | 1769+01 | 56' R | I-270 EB | | 1 | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 | | 95 | A-3 | L23 |
| | L24 | 1770+14 | 153' R | I-270 EB | | 1 | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 | | 95 | A-4 | L24 |
| | L25 | 2770+36 | 268' L | I-270 WB | | 1 | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 | | 95 | A-2 | L25 |
| | L26 | 2771+24 | 56' L | I-270 WB | | 1 | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 | | 95 | A-1 | L26 |
| | L27 | 1771+25 | 56' R | I-270 EB | | 1 | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | 1 | | 95 | A-3 | L27 |
| | L28 | 14+11 | 34.5' L | RIVERVIEW SB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | 5 | A-1 | L28 |
| | L29 | 13+60 | 34.5' L | RIVERVIEW WB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | 5 | A-1 | L29 |
| | L30 | 13+10 | 34.5' L | RIVERVIEW SB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | 5 | A-1 | L30 |
| | L31 | 13+91 | 37.5' R | RIVERVIEW NB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | 5 | A-3 | L31 |
| | L32 | 13+40 | 37.5' R | RIVERVIEW NB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | 5 | A-3 | L32 |
| | L33 | 12+89 | 37.5' R | RIVERVIEFW NB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | 5 | A-3 | L33 |
| | L34 | 2773+95 | 56' L | I-270 WB | | 1 | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 | | 95 | A-1 | L34 |
| | L35 | 1774+05 | 56' R | I-270 EB | | 1 | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 | | 95 | A-3 | L35 |
| | L36 | 2775+52 | 178' L | I-270 WB | | 1 | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 | | 95 | A1 | L36 |
| | L37 | 1775+63 | 147' R | I-270 EB | | 1 | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 | | 95 | A-3 | L37 |
| | L38 | 2776+30 | 56' L | I-270 WB | | 1 | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 | | 95 | A-1 | L38 |
| | L39 | 1776+71 | 56' R | I-270 EB | | 1 | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 | | 95 | A-3 | L39 |
| | L40 | 2777+86 | 89' L | I-270 WB | | 1 | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 | | 95 | A-1 | L40 |
| | L41 | 1777+82 | 87' R | I-270 EB | | 1 | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 | | 95 | A-3 | L41 |
| | L42 | 1772+28 | 115' R | I-270 EB | | | | 1 | | | | | 1 | | | | | | | | 1 | | | | | | | | | | | | | | | | 1 | | 65 | B-1 | L42 |
| | L43 | 1771+53 | 203' R | I-270 EB | | | | 1 | | | | | 1 | | | | | | | | 1 | | | | | | | | | | | | | | | | 1 | | 65 | B-1 | L43 |
| | L44 | 1772+49 | 303' R | I-270 EB | | | | 1 | | | | | 1 | | | | | | | | 1 | | | | | | | | | | | | | | | | 1 | | 65 | B-1 | L44 |
| | L45 | 1773+73 | 132' R | I-270 EB | | | | 1 | | | | | 1 | | | | | | | | 1 | | | | | | | | | | | | | | | | 1 | | 65 | B-2 | L45 |
| | L46 | 1773+92 | 253' R | I-270 EB | | | | 1 | | | | | 1 | | | | | | | | 1 | | | | | | | | | | | | | | | | 1 | | 65 | B-2 | L46 |
| | L47 | 2771+83 | 223' L | I-270 WB | | | | 1 | | | | | 1 | | | | | | | | 1 | | | | | | | | | | | | | | | | 1 | | 65 | C-1 | L47 |
| | L48 | 2771+35 | 371' L | I-270 WB | | | | 1 | | | | | 1 | | | | | | | | 1 | | | | | | | | | | | | | | | | 1 | | 65 | C-1 | L48 |
| | L49 | 2773+15 | 204' L | I-270 WB | | | | 1 | | | | | 1 | | | | | | | | 1 | | | | | | | | | | | | | | | | 1 | | 65 | C-2 | L49 |
| | L50 | 2773+84 | 249' L | I-270 WB | | | | 1 | | | | | 1 | | | | | | | | 1 | | | | | | | | | | | | | | | | 1 | | 65 | C-2 | L50 |
| | L51 | 2773+18 | 373' L | I-270 WB | | | | 1 | | | | | 1 | | | | | | | | 1 | | | | | | | | | | | | | | | | 1 | | 65 | C-2 | L51 |
| | L52 | 2771+33 | 495' L | I-270 WB | | | | 1 | | | | | 1 | | | | | | | | 1 | | | | | | | | | | | | | | | | 1 | | 65 | C-1 | L52 |
| | L53 | 2772+72 | 526' L | I-270 WB | | | | 1 | | | | | 1 | | | | | | | | 1 | | | | | | | | | | | | | | | | 1 | | 65 | C-2 | L53 |
| | | | | TOTALS EACH: | 34 | | | | 12 | | | | 46 | | | | | | | | 12 | | | | | | 34 | | | | | | | | | 6 | 12 | 34 | 4040 | ----- | ----- |

PRELIMINARY

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED: 3/17/2022

ROUTE: I-270 | STATE: MO

DISTRICT: SL | SHEET NO.: 121

COUNTY: ST. LOUIS CITY/ ST. LOUIS

JOB NO.: J6I3020C

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

CBB TRANSPORTATION ENGINEERS & PLANNERS
12444 OLIVE BLVD, SUITE 400
ST. LOUIS, MO 63141
(314) 878-6644
MISSOURI CERTIFICATE OF AUTHORITY #000393 - EXPIRES DEC 31, 2022
ENGINEERING CERTIFICATION #2007018762
LOCATIONS IN ST. LOUIS, MO; KANSAS CITY, MO; COLUMBIA, IL
www.cbbtrans.com

I-270 AND RIVERVIEW
LIGHTING PLAN
SUMMARY OF QUANTITIES
1 OF 2

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

# MISSOURI HIGHWAY AND TRANSPORTATION COMMISSION

## SUMMARY OF QUANTITIFS

### RIGID CONDUIT

| SHEET NO. | FROM | TO | LOCATION | CIR | TRENCHED(in) 2" | 3" | 4" | 5" | PUSHED(in) 3" | 4" | EXTERNAL ON STRUCTURE 2" | 3" | 4" | 5" | TRENCHING T1 | T2 | T3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | L2 | L3 | I-270 WB | | | | | | | | | | | | 250 | | |
| | 1 | L5 | I-270 EB | | | | | | | | | | | | 602 | | |
| | L3 | L4 | I-270 WB | | | | | | | | | | | | 245 | | |
| | L4 | L6 | I-270 WB | | | | | | | | | | | | 243 | | |
| | L5 | L7 | I-270 EB | | | | | | | | | | | | 237 | | |
| | L6 | L8 | I-270 WB | | | | | | | | | | | | 248 | | |
| | L7 | L9 | I-270 EB | | | | | | | | | | | | 257 | | |
| | L8 | 3 | I-270 WB | | | | | | | | | | | | 129 | | |
| | L9 | 4 | I-270 EB | | | | | | | | | | | | 66 | | |
| | 3 | 4 | I-270 | | | | | | | 201 | | | | | | | |
| | 2 | 3 | I-270 | | | | 238 | | | | | | | | | | |
| | 3 | L10 | I-270 WB | | | | | | | | | | | | 120 | | |
| | 4 | L11 | I-270 EB | | | | | | | | | | | | 184 | | |
| | L10 | 5 | I-270 WB | | | | | | | | | | | | 138 | | |
| | 5 | L12 | I-270 WB | | | | | | | | | | | | 85 | | |
| | 5 | 6 | I-270 WB | | | | | | 50 | | | | | | | | |
| | 6 | L14 | I-270 WB | | | | | | | | | | | | 252 | | |
| | L11 | L13 | I-270 EB | | | | | | | | | | | | 231 | | |
| | L12 | L15 | I-270 WB | | | | | | | | | | | | 245 | | |
| | L13 | 7 | I-270 EB | | | | | | | | | | | | 115 | | |
| | 7 | 8 | I-270 EB | | | | | | 49 | | | | | | | | |
| | 7 | L16 | I-270 EB | | | | | | | | | | | | 139 | | |
| | 8 | L19 | I-270 EB | | | | | | | | | | | | 254 | | |
| | L14 | L17 | I-270 WB | | | | | | | | | | | | 295 | | |
| | L15 | L18 | I-270 WB | | | | | | | | | | | | 245 | | |
| | L18 | L21 | I-270 WB | | | | | | | | | | | | 255 | | |
| | L17 | L22 | I-270 WB | | | | | | | | | | | | 288 | | |
| | L19 | L23 | I-270 EB | | | | | | | | | | | | 278 | | |
| | L16 | L20 | I-270 EB | | | | | | | | | | | | 255 | | |
| | L20 | L24 | I-270 EB | | | | | | | | | | | | 247 | | |
| | L23 | L27 | I-270 EB | | | | | | | | | | | | 275 | | |
| | L22 | L26 | I-270 WB | | | | | | | | | | | | 285 | | |
| | L21 | L25 | I-270 WB | | | | | | | | | | | | 234 | | |
| | L26 | 9 | I-270 WB | | | | | | | | | | | | 77 | | |
| | L27 | 10 | I-270 EB | | | | | | | | | | | | 55 | | |
| | 9 | L28 | I-270 WB | | 9 | | | | | | 28 | | | | | | |
| | L28 | L29 | RIVERVIEW OVERPASS | | | | | | | | 51 | | | | | | |
| | L29 | L30 | RIVERVIEW OVERPASS | | | | | | | | 51 | | | | | | |
| | 9 | 11 | I-270 WB | | | | | | 153 | | | | | | | | |
| | 10 | 12 | I-270 EB | | | | | | 153 | | | | | | | | |
| | 12 | L33 | I-270 EB | | 32 | | | | | | 27 | | | | | | |
| | L33 | L32 | RIVERVIEW OVERPASS | | | | | | | | 51 | | | | | | |
| | L32 | L31 | RIVERVIEW OVERPASS | | | | | | | | 51 | | | | | | |
| | 11 | L34 | I-270 WB | | | | | | | | | | | | 43 | | |
| | 12 | L35 | I-270 EB | | | | | | | | | | | | 47 | | |
| | L34 | 13 | I-270 WB | | | | | | | | | | | | 223 | | |
| | L35 | L39 | I-270 EB | | | | | | | | | | | | 267 | | |
| | L39 | 15 | I-270 EB | | | | | | | | | | | | 29 | | |
| | 15 | 16 | I-270 EB | | | | | | 49 | | | | | | | | |
| | 16 | L37 | I-270 EB | | | | | | | | | | | | 156 | | |
| | 16 | L41 | I-270 EB | | | | | | | | | | | | 72 | | |
| | 13 | L38 | I-270 WB | | | | | | | | | | | | 13 | | |
| | 13 | 14 | I-270 WB | | | | | | 81 | | | | | | | | |
| | 14 | L36 | I-270 WB | | | | | | | | | | | | 134 | | |
| | 14 | L40 | I-270 WB | | | | | | | | | | | | 120 | | |
| | 21 | 21 | I-270 EB | | | | 13 | | | | | | | | | | |
| | 21 | L42 | I-270 EB | | | | | | | | | | | | 10 | | |
| | 21 | 22 | I-270 EB | | | | | | 106 | | | | | | | | |
| | 22 | L43 | I-270 EB | | | | | | | | | | | | 12 | | |
| | 22 | L44 | I-270 EB | | | | | | | | | | | | 128 | | |
| | 21 | 23 | I-270 EB | | | | | | 154 | | | | | | | | |
| | 23 | L45 | I-270 EB | | | | | | | | | | | | 17 | | |
| | 23 | 24 | I-270 EB | | | | | | 90 | | | | | | | | |
| | 24 | L46 | I-270 EB | | | | | | | | | | | | 17 | | |
| | 31 | 31 | I-270 WB | | | | 18 | | | | | | | | | | |
| | 31 | L47 | I-270 WB | | | | | | | | | | | | 17 | | |
| | 31 | 32 | I-270 WB | | | | | | 121 | | | | | | | | |
| | 32 | L48 | I-270 WB | | | | | | | | | | | | 38 | | |
| | L48 | L52 | I-270 WB | | | | | | | | | | | | 125 | | |
| | 31 | 33 | I-270 WB | | | | | | 151 | | | | | | | | |
| | 33 | L49 | I-270 WB | | | | | | | | | | | | 11 | | |
| | 33 | 34 | I-270 WB | | | | | | 82 | | | | | | | | |
| | 34 | L50 | I-270 WB | | | | | | | | | | | | 19 | | |
| | 34 | L51 | I-270 WB | | | | | | | | | | | | 129 | | |
| | L51 | L53 | I-270 WB | | | | | | | | | | | | 162 | | |
| TOTALS (FEET): | | | | | 41 | 269 | | | 1239201 | | 259 | | | | 8618 | | |

### PULL BOXES

| SHEET NO. | STATION | OFFSET | LOCATION | P.B. NO. | PREFORM CL 1 | DRAIN TYPE I | DRAIN TYPE II A | B | C | CIRCUIT |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1746+59 | 57' R | I-270 EB | 1 | 1 | 1 | | | | A-4 |
| | U.I.P. | U.I.P. | I-270 WB | 2 | UIP | | | | | A-1/A-2/A-3/A-4 |
| | 2757+70 | 74' L | I-270 WB | 3 | 1 | 1 | | | | A-1/A-2/A-3/A-4 |
| | 1758+28 | 68' R | I-270 EB | 4 | 1 | 1 | | | | A-3/A-4 |
| | 2760+20 | 102' L | I-270 WB | 5 | 1 | 1 | | | | A-1/A-2 |
| | 2760+15 | 53' L | I-270 WB | 6 | 1 | 1 | | | | A-1 |
| | 1763+65 | 104' R | I-270 EB | 7 | 1 | 1 | | | | A-3/A-4 |
| | 1763+73 | 56' R | I-270 EB | 8 | 1 | 1 | | | | A-3 |
| | 2772+00 | 57' L | I-270 WB | 9 | 1 | 1 | | | | A-1 |
| | 1772+14 | 93' R | I-270 EB | 10 | 1 | 1 | | | | A-3 |
| | 2773+52 | 59' L | I-270 WB | 11 | 1 | 1 | | | | A-1 |
| | 1773+65 | 80' R | I-270 EB | 12 | 1 | 1 | | | | A-3 |
| | 2776+17 | 56' L | I-270 WB | 13 | 1 | 1 | | | | A-1 |
| | 2776+70 | 116' L | I-270 WB | 14 | 1 | 1 | | | | A-1 |
| | 1777+00 | 56' R | I-270 EB | 15 | 1 | 1 | | | | A-3 |
| | 1777+12 | 103' R | I-270 EB | 16 | 1 | 1 | | | | A-3 |
| | 1772+19 | 120' R | I-270 EB | 21 | 1 | 1 | | | | B-1/B-2 |
| | 1771+63 | 209' R | I-270 EB | 22 | 1 | 1 | | | | B-1 |
| | 1773+68 | 149' R | I-270 EB | 23 | 1 | 1 | | | | B-2 |
| | 1773+93 | 235' R | I-270 EB | 24 | 1 | 1 | | | | B-2 |
| | 2771+66 | 221' L | I-270 WB | 31 | 1 | 1 | | | | C-1/C-2 |
| | 2771+24 | 334' L | I-270 WB | 32 | 1 | 1 | | | | C-1 |
| | 2773+13 | 193' L | I-270 WB | 33 | 1 | 1 | | | | C-2 |
| | 2773+66 | 256' L | I-270 WB | 34 | 1 | 1 | | | | C-2 |
| TOTALS: | | | | | 23 | | EACH | | | |

### 1 INCH CABLE-CONDUIT 2 COND. & 1 B.N., #8 AWG

| SHEET NO. | CONT. STA. | CIRCUIT FROM | TO | FEET |
|---|---|---|---|---|
| | | B-1 | | 300 |
| | | B-2 | | 326 |
| | | C-1 | | 350 |
| | | C-2 | | 611 |
| | | | TOTAL: | 1590 |

### 1 INCH CABLE-CONDUIT 2 COND. & 1 B.N., #6 AWG

| SHEET NO. | CONT. STA. | CIRCUIT FROM | TO | FEET |
|---|---|---|---|---|
| | | A-1 | | 2737 |
| | | A-2 | | 2831 |
| | | A-3 | | 2968 |
| | | A-4 | | 3353 |
| | | | TOTAL: | 11890 |

### 1 INCH CABLE-CONDUIT 2 COND. & 1 B.N., #4 AWG

| SHEET NO. | CONT. STA. | CIRCUIT FROM | TO | FEET |
|---|---|---|---|---|
| | | | TOTAL: | |

### 1 INCH CABLE-CONDUIT 2 COND. & 1 B.N., #2 AWG

| SHEET NO. | CONT. STA. | CIRCUIT FROM | TO | FEET |
|---|---|---|---|---|
| | | | TOTAL: | |

PRICE BID FOR POWER SUPPLY ASSEMBLY SHALL INCLUDE CABLE-CONDUIT, CONDUIT AND TRENCHING BETWEEN ASSEMBLY AND UTILITY CO. FACILITIES.

### SECONDARY SERVICE POWER SUPPLY ASSEMBLIES

| SHEET NO. | STATION | OFFSET | LOCATION | TYPE 3(SIGNAL) LT ONLY 120V | TYPE 2(PED) LT ONLY 240V | LT+ SIG 240 120V | LT ONLY 480V | LT+ SIG 480 120V | ✓ P.S. ☐ DIRECTN TO FACE METER | BRKR LITE | AMPS SIGS | CIR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | U.I.P. | U.I.P. | I-270 WB | | | | UIP | | | | | |
| | 1772+10 | 118' R | I-270 EB | | | 1 | | | EAST | | | |
| | 2771+63 | 208' L | I-270 WB | | | 1 | | | EAST | | | |
| TOTALS: | | | | | | 2 | | | EACH | | | |
| STD.M901.80 | | | | | | | | | | | | |

### CONTROL STATIONS

| SHEET NO. | STATION | OFFSET | LOCATION | CONTROL LETTER | BREAKERS (AMPS) MAIN | CIRCUIT 1 | 2 | 3 | 4 | BASE MOUNT✓ 4 CIR. 240V | 4 CIR. 480V |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2756+28 | 273' L | I-270 WB | A | 100 | 30 | 30 | 30 | 30 | | 1 |
| | 1772+10 | 118' R | I-270 EB | B | 100 | 30 | 30 | 30 | 30 | 1 | |
| | 2771+63 | 208' L | I-270 WB | C | 100 | 30 | 30 | 30 | 30 | 1 | |
| TOTALS, EACH: | | | | | | | | | | 2 | 1 |
| STD.M901.30 | | | | | | | | | | | |

APPLICABLE MODOT STANDARDS:
901.00AB HIGHWAY LIGHTING - POLES & FOUNDATIONS FOR 30' M.H.
901.01AJ HIGHWAY LIGHTING - POLES & FOUNDATIONS FOR 45' M.H.
901.02B HIGHWAY LIGHTING - CABLE, CONDUIT, & TRENCHING
901.30F HIGHWAY LIGHTING - BASE MOUNTED CONTROL STATION
901.85B HIGHWAY LIGHTING SYMBOLS

PRELIMINARY

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED 3/17/2022
ROUTE I-270 | STATE MO
DISTRICT SL | SHEET NO. 122
COUNTY ST. LOUIS CITY/ ST. LOUIS
JOB NO. J6I3020C
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

CBB TRANSPORTATION ENGINEERS+PLANNERS
12340 OLIVE BLVD. SUITE 430
ST. LOUIS, MO. 63141
(314) 878-6644
www.cbbtrans.com
MISSOURI CERTIFICATE OF AUTHORITY #000333 - EXP. DEC 31, 2020
(CBB TRANSPORTATION ENGINEERS+PLANNERS, LLC (FORMERLY CBB TRANSPORTATION ENGINEERS+PLANNERS, INC.)
MISSOURI CERTIFICATE OF AUTHORITY #000333 - EXP. DEC 31, 2020
12340 OLIVE BLVD. SUITE 430
ST. LOUIS, MO. 63141
(314) 878-6644
COLLINSVILLE, IL

I-270 AND RIVERVIEW
LIGHTING PLAN
SUMMARY OF QUANTITIES
SHEET 2 OF 2

480V LIGHTING CONTROL CABINET "A"
8-1c#6, 4-1c#6 B.N. (CKT A-1, A-2, A-3, A-4)
EX
2
8-1c#6, 4-1c#6 B.N. (CKT A-1, A-2, A-3, A-4)
4"
4-1c#6, 2-1c#6 B.N. (CKT A-3, A-4)
4"
EXISTING CABLES
SPLICE TO EXISTING CABLES IN PULLBOX
240V LIGHTING/ 120V SIGNALS CABINET "C"
240V LIGHTING/ 120V SIGNALS CABINET "B"
2-1c#6, 1-1c#6 B.N. (CKT A-1)
2-1c#6, 1-1c#6 B.N. (CKT A-2)
2-1c#6, 1-1c#6 B.N. (CKT A-3)
2-1c#6, 1-1c#6 B.N. (CKT A-4)
2-1c#8, 1-1c#8 B.N. (CKT C-1)
2-1c#8, 1-1c#8 B.N. (CKT C-2)
4-1c#8, 2-1c#8 B.N. (CKT C-1, C-2)
2-1c#8, 1-1c#8 B.N. (CKT B-1)
2-1c#8, 1-1c#8 B.N. (CKT B-2)
4-1c#8, 2-1c#8 B.N. (CKT B-1, B-2)
3"
2"
4"

PRELIMINARY

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED: 3/17/2022
ROUTE: I-270 | STATE: MO
DISTRICT: SL | SHEET NO.: 123
COUNTY: ST. LOUIS CITY/ ST. LOUIS
JOB NO.: J6I3020C
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

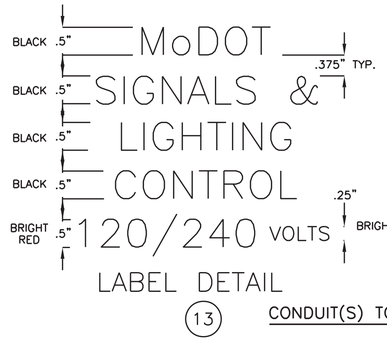
DESCRIPTION | DATE

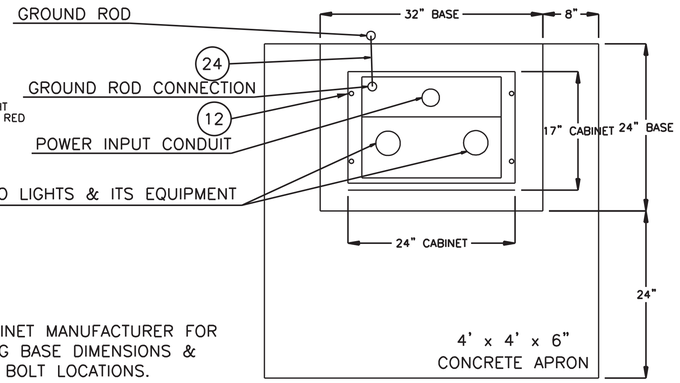
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)


CBB TRANSPORTATION ENGINEERS & PLANNERS
12340 OLIVE BLVD. SUITE 430
ST. LOUIS, MO 63141
(314) 576-6444
www.cbbeng.com
MISSOURI CERTIFICATE OF AUTHORITY #000333 - EXPIRES 31 2020
ILLINOIS PROFESSIONAL ENGINEERING CORPORATION CERTIFICATE OF AUTHORITY #0050333 - EXPIRES 31 2020
(CPLACEHOLDER ST. LOUIS, MO. 63141 COLLINSVILLE, IL


I-270 AND RIVERVIEW

LIGHTING PLAN WIRING DIAGRAM

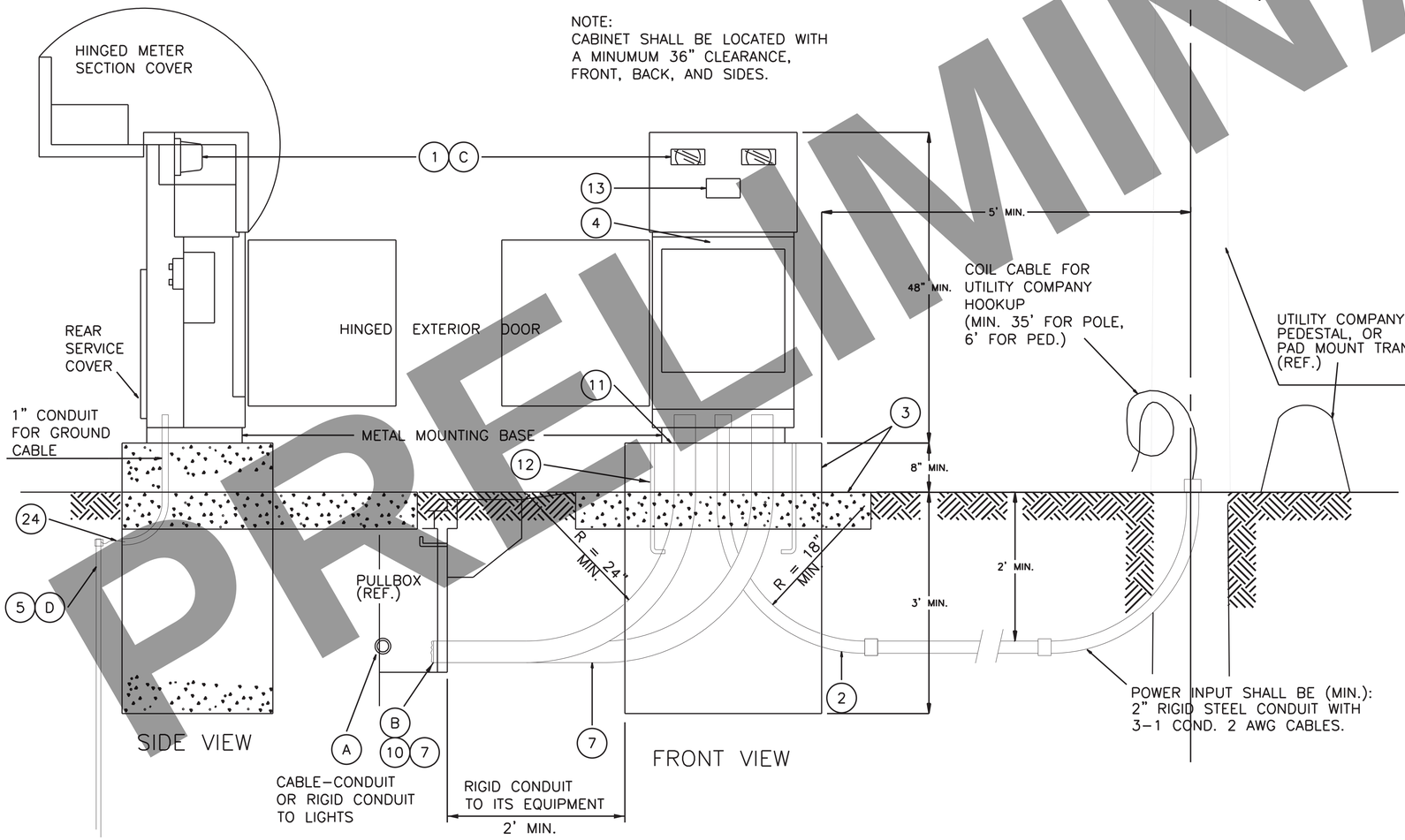


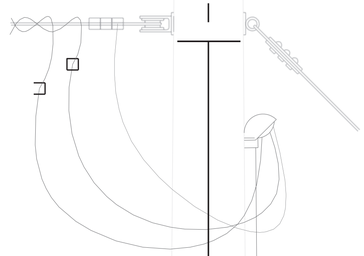




SEE CABINET MANUFACTURER FOR MOUNTING BASE DIMENSIONS & ANCHOR BOLT LOCATIONS.

TOP VIEW

NOTE:
CABINET SHALL BE LOCATED WITH A MINUMUM 36" CLEARANCE, FRONT, BACK, AND SIDES.



| LIST OF MATERIALS | |
|---|---|
| ITEM | DESCRIPTION |
| 1 | METER SOCKET, 200 AMP |
| 2 | RIGID STEEL CONDUIT, 2" MIN. TO UTILITY CO. FACILITIES |
| 3 | CLASS B CONCRETE, 0.9 C.Y.E |
| 4 | NEMA 4, DUST-TIGHT, WATERTIGHT, CABINET |
| 5 | GROUND ROD, ¾" DIA. X 8' MIN. (MIN. 8' IN SOIL) |
| 7 | RIGID CONDUIT TO FIRST PULL BOX (SEE PLANS FOR SIZE) |
| 10 | PLIABLE DUCT SEALANT |
| 11 | LIFETIME SILICONE CAULK |
| 12 | ANCHOR BOLTS, ⅝ – 11 x 18" LONG BOLTS, HOT DIP GALVANIZED, 4 REQUIRED |
| 13 | WEATHERPROOF ADHESIVE LABEL, VINYL RAISED LETTERING (OR EQUIVALENT, SEE DETAIL) |
| 24 | GROUND WIRE, #2 AWG, MIN. |

NOTES

(A) IF CABLE-CONDUIT IS SPECIFIED, THE CONDUIT SHALL BE CUT AWAY FROM CABLES BETWEEN PULL BOX AND CONTROL STATION.

(B) LIGHTING SYSTEM VOLTAGE AS SPECIFIED ON PLANS (120 OR 240 VOLTS). IF LIGHTS ARE TO BE MOUNTED ON SIGNAL POSTS, VOLTAGE MUST BE 120 VOLTS. 240 VOLT LIGHTS ARE NOT TO BE MOUNTED ON OR WIRED THROUGH SIGNAL POSTS, CONDUIT, OR PULL BOXES.

(C) CONTROLLER CABINET WITH POWER SUPPLY SHALL BE ALUMINUM OR STAINLESS STEEL. ALL HARDWARE, HINGES, CATCHES, ETC. SHALL BE STAINLESS STEEL. METER SOCKET AND OTHER EQUIPMENT AND MATERIALS SHALL BE U.L. APPROVED, AND CONFORM TO THE REQUIRE,ENTS OF THE UTILITY COMPANY OR MUNICIPALITY PROVIDING POWER.

(D) IF SUBSURFACE CONDITIONS EXIST WHICH PROHIBIT THE PLACEMENT OF THE GROUND ROD IN A VERTICAL POSITION, THE ROD MAY BE DRIVEN AT AN OBLIQUE ANGLE NOT TO EXCEED 45 DEGREES FROM VERTICAL OR BURIED IN A TRENCH AT LEAST 30 IN. DEEP. CONNECTION TO GROUND ROD SHALL BE CADWELDED.

(E) UTILITY COMPANY SHALL DECIDE IF LIGHTNING ARRESTERS ARE TO BE CONNECTED ON THE LOAD OR LINE SIDE OF THE METER. THE UTILITY COMPANY SHALL ALSO DECIDE WHERE THE LIGHTNING ARRESTER SHALL BE MOUNTED.

GENERAL NOTES:

ALTERNATE CABINET DIMENSIONS WILL BE ALLOWED AS APPROVED BY THE ENGINEER. INTERIOR CABINET VOLUME SHALL BE EQUAL TO OR GREATER THAN THAT SHOWN ON PLANS AND PROPER CLEARANCES SHALL BE PROVIDED FOR ALL EQUIPMENT. CONCRETE BASE DIMENSIONS SHALL BE MODIFIED TO FIT THE CABINET SUPPLIER.

PLACEMENT OF ALL ITEMS SHALL BE APPROVED BY THE ENGINEER.

CABINET SHALL BE LOCATED AWAY FROM TRAFFIC. TOP MOUNT PHOTO CONTROL SHALL FACE AN OPEN SKY. SIDE MOUNT PHOTO CONTROL SHALL FACE NORTH.

SEE PLANS FOR CIRCUIT WIRING; MAXIMUM LOADING PER CIRCUIT IS 7,400 WATTS.

SCHEMATIC DIAGRAM SHALL BE MOUNTED ON INSIDE OF CABINET DOOR.

THE UTILITY SHALL BE NOTIFIED IN WRITING 30 DAYS PRIOR TO DATE DERVICE WILL BE REQUIRED.

ALL CABINET OPENINGS SHALL BE COVERED AND SEALED WITH LIFETIME SILICONE CAULK.

ALL MATERIALS REQUIRED EXCLUDING REFERENCE ITEMS AS SHOWN ON DRAWING SHALL BE INCLUDED IN PRICE BID FOR '120/240V COMBINATION BASE MOUNTED POWER SUPPLY AND CONTROL STATION'.

CABLE AND CONDUIT FROM POWER SUPPLY ASSEMBLY TO UTILITY COMPANY FACILITIES SHALL BE INCLUDED IN PRICE BID FOR '120/240V COMBINATION BASE MOUNTED POWER SUPPLY AND CONTROL STATION'.

DISCLAIMER
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PRELIMINARY

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED 3/17/2022
ROUTE I-270 | STATE MO
DISTRICT SL | SHEET NO. 124
COUNTY ST. LOUIS CITY/ ST. LOUIS
JOB NO. J6I3020C
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

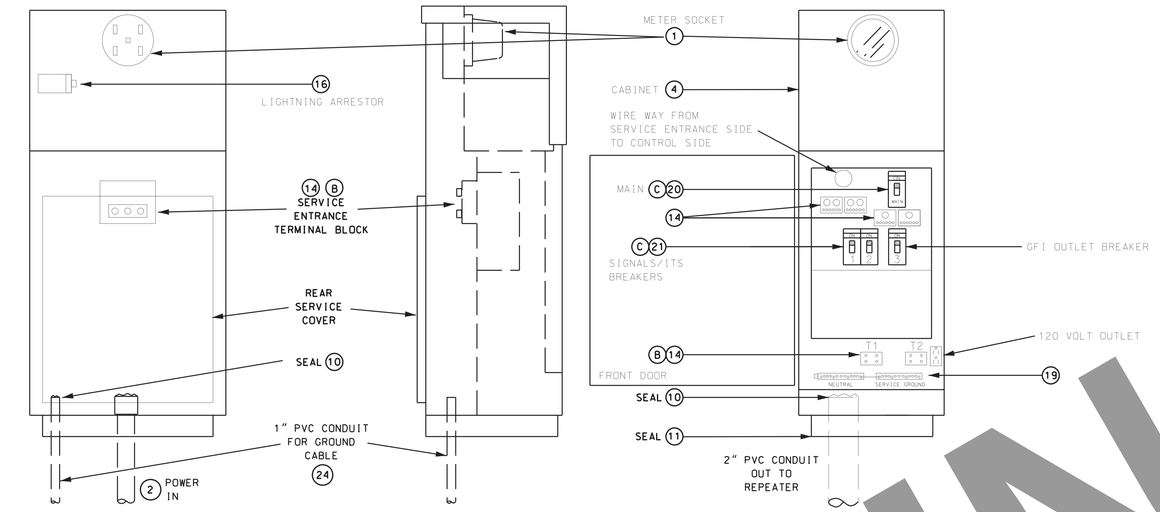
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

CBB TRANSPORTATION ENGINEERS+PLANNERS
13400 OLIVE BLVD, SUITE #30
CHESTERFIELD, MO 63141
(314) 878-6444
(LOCATIONS IN ST. LOUIS, MO, COLUMBIA, IL)
www.cbbinc.com
MISSOURI CERTIFICATE OF AUTHORITY #001033 - EXP. 2023-31-30

I-270 AND RIVERVIEW
LIGHTING PLAN DETAILS
SHEET 1 OF 3

POWER SUPPLY DETAIL 1 OF 2

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.




REAR VIEW
(SERVICE ENTRANCE)

SIDE VIEW

FRONT VIEW
(CONTROL SIDE)

EQUIPMENT LAYOUT

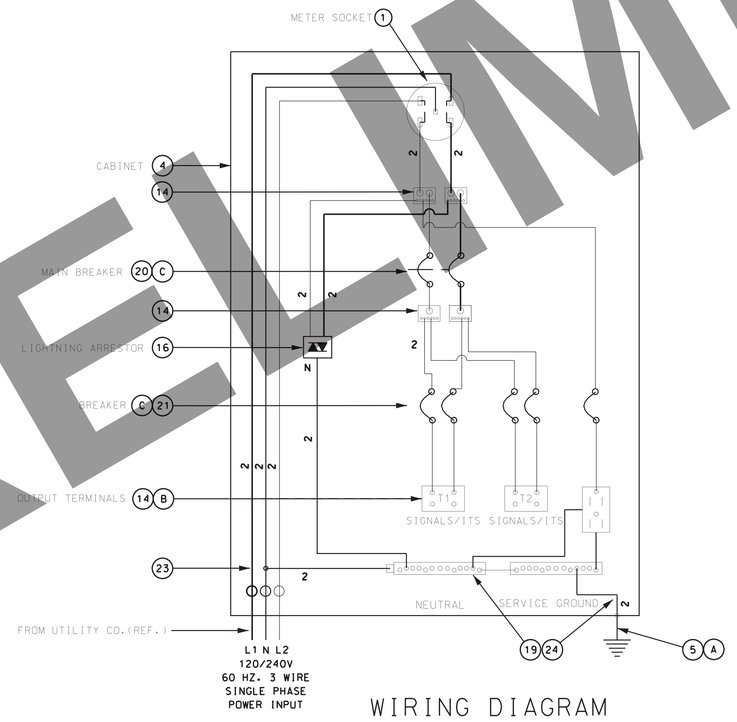
| LIST OF MATERIALS | |
|---|---|
| ITEM | DESCRIPTION |
| 1 | METER SOCKET. 200 AMP. WITH LEVER TEST BYPASS. RINGLESS TYPE 225 |
| 2 | RIGID STEEL CONDUIT. 2" MIN. TO UTILITY CO. FACILITIES |
| 4 | NEMA 4X. MILBANK CP3B51C1PAAOMO1 OR MODOT APPROVED EQUAL |
| 5 | GROUND ROD. 3/4" DIA. X 8' MIN.(MIN.8' IN SOIL) |
| | |
| 10 | PLIABLE SEALANT |
| 11 | LIFETIME SILICONE CAULK |
| 14 | INSULATED TERMINAL BLOCK |
| | |
| 16 | 2-POLE. 650 VOLT LIGHTNING ARRESTER |
| | |
| | |
| 19 | INSULATED GROUNDABLE NEUTRAL. 100 AMP |
| 20 | 2-POLE. 100 AMP. TYPE A MAIN BREAKER |
| 21 | 2-POLE. 15 AMP(MIN). TYPE A BREAKERS |
| 22 | #12 AWG MIN.. 600 V. COPPER CONTROL CABLE |
| 23 | #2 AWG MIN.. 600 V. COPPER POWER CABLE |
| 24 | #2 AWG MIN.. 600 V. COPPER GROUND CABLE |
| * | SEE PLANS FOR SIZE |
| | |

NOTES:

(A) WHEN SUBSOIL CONDITIONS EXIST WHICH PROHIBIT PLACEMENT OF GROUND ROD IN VERTICAL POSITION, TRENCH AT LEAST 36" DEEP, DRILL 3 FOUR INCH DIAMETER HOLES 12' DEEP, 20' APART IN A STRAIGHT LINE, PARALLEL TO THE PAVEMENT. THE CENTER HOLE SHOULD BE PLACE NEAR THE LOCATION OF THE GROUND ROD. PLACE ONE GROUND ROD IN EACH OF THE THREE HOLES. PLACE GROUND ENHANCEMENT MATERIAL IN THE HOLES AND A 6" LIFT IN THE TRENCH. RUN A AWG #2 BARE COPPER GROUND WIRE FROM ROD TO ROD TO ROD AND A SEPARATE PIECE THROUGH THE CONDUIT IN THE POLE FOUNDATION TO THE CENTER ROD. EXOTHERMICALLY WELD GROUND WIRE TO GROUND RODS. COVER THE RODS AND WIRE WITH A 12" LIFT OF GROUND ENHANCEMENT MATERIAL. COVER THE REMAINING TRENCH WITH SELECT BACKFILL AND COMPACT. MODOT'S REPRESENTATIVE WILL NEED TO WITNESS THIS WORK.

(B) IF FOR REASONS OF VOLTAGE DROP A WIRE SIZE IS SPECIFIED LARGER THAN #2 AWG, A LARGER TERMINAL BLOCK SHALL BE INSTALLED FOR THAT CIRCUIT.

(C) ALL CIRCUITS BREAKERS SHALL CONFORM TO SECTION 901.4 OF THE STANDARD SPECIFICATIONS.




WIRING DIAGRAM

NOT TO SCALE

AWG SIZE
12
WIRE

POWER SUPPLY
DETAIL 2 OF 2

PRELIMINARY

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED
3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 125 |

COUNTY
ST. LOUIS CITY/
ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

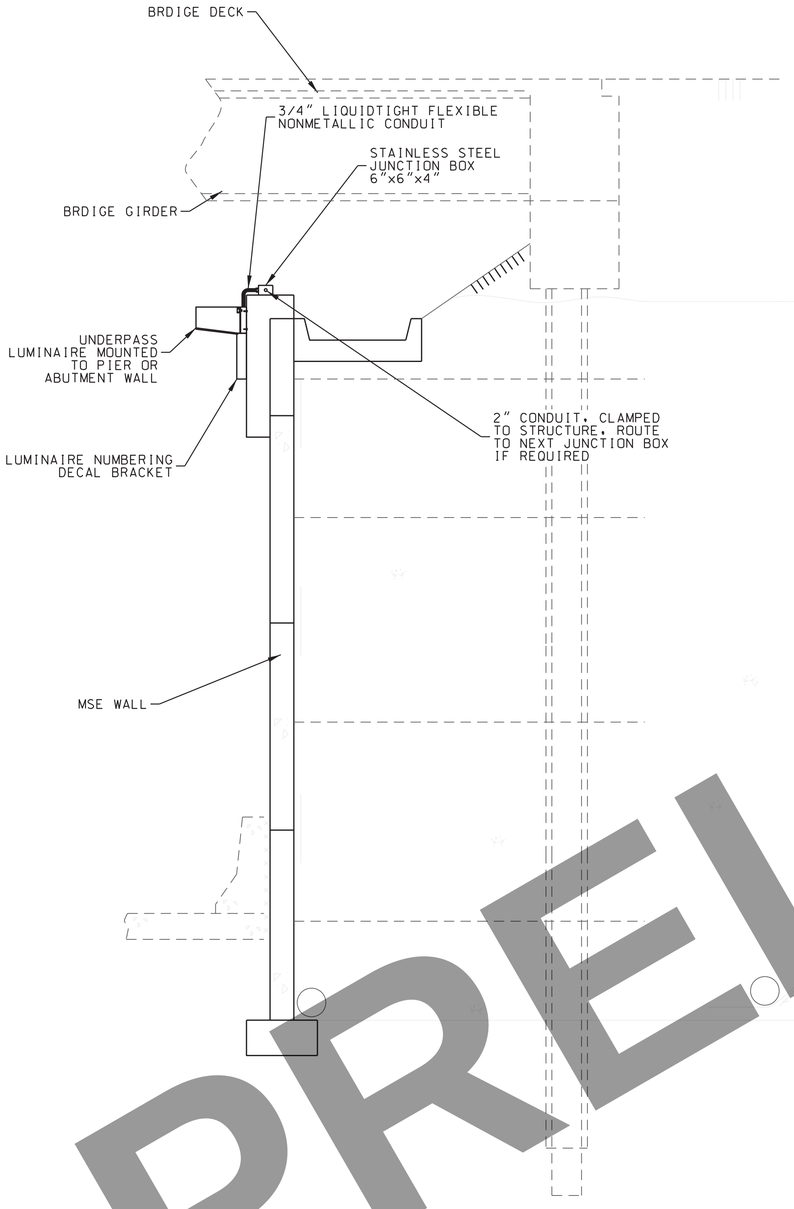
MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

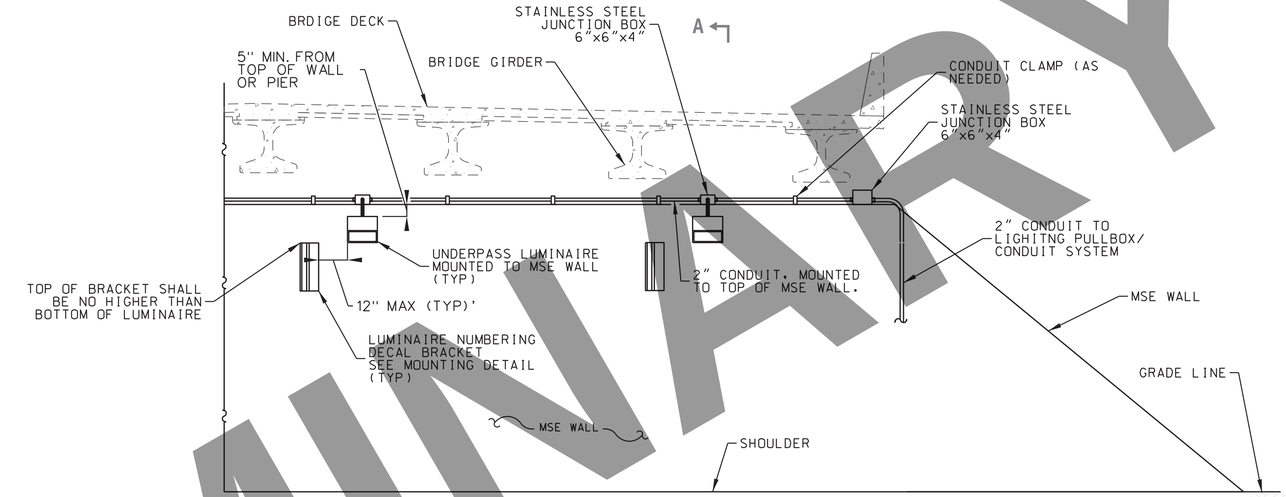
CBB TRANSPORTATION ENGINEERS+PLANNERS
12340 OLIVE BLVD. SUITE 430
ST. LOUIS, MO 63141
(314) 878-6644
www.cbbeng.com
MISSOURI CERTIFICATE OF AUTHORITY #000333 - EXPIRES 31 2020
ENGINEERING CERTIFICATE

I-270 AND
RIVERVIEW

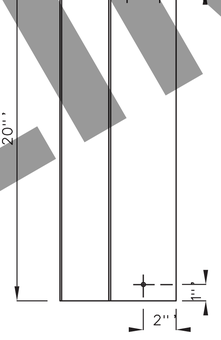
LIGHTING PLAN
DETAILS
SHEET 2 OF 3



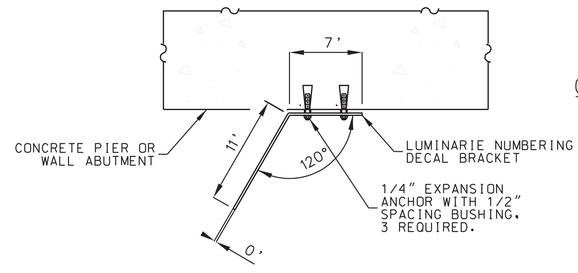

SEC A
LUMINAIRE MOUNTING ON
TYPICAL SECTION THRU
LARGE BLOCK WALL UNDER BRIDGE
(SEE BRDIGE PLANS FOR DETAILS




MSE WALL
DETAIL




ELEVATION




TOP VIEW

LUMINAIRE NUMBERING DECAL
BRACKET MOUNTING DETAIL

CENTER PIER
DETAIL

CENTER PIER
DETAIL

## GENERAL NOTES

SEE PLANS FOR UNDERPASS LUMINAIRE LOCATIONS

RIGID CONDUIT MAY BE USED IN LIEU OF FLEXIBLE CONDUIT.

STAINLESS STEEL CONDUIT SHALL BE USED BENEATH ANY OPENINGS IN TEH BRDIGE DECK

UNDERPASS
LUMINIARE
MOUNTING DETAILS

PRELIMINARY

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DATE PREPARED: 3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 126 |

COUNTY: ST. LOUIS CITY/ ST. LOUIS

JOB NO.: J6I3020C

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

| DESCRIPTION | DATE |
|---|---|
| | |

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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12340 OLIVE BLVD. SUITE 430
ST. LOUIS, MO 63141
(314) 878-6644
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(CBB ENGINEERS, LLC DBA CBB TRANSPORTATION ENGINEERS+PLANNERS)
(CBB TRANSPORTATION ENGINEERS+PLANNERS, LLC

GENERAL NOTES:

1. THE INSTALLATION OF THE TRAFFIC SIGNALS SHALL BE IN ACCORDANCE WITH THE MISSOURI HIGHWAY AND TRANSPORTATION COMMISION'S STANDARD SPECIFICATIONS, LATEST EDITION.

2. EXISTING UNDERGROUND AND OVERHEAD FACILITIES, STRUCTURES AND UTILITIES SHOWN ON THESE PLANS, SHALL BE CONSIDERED APPROXIMATE ONLY, VERIFICATION OF THE LOCATIONS OF ALL EXISTING UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES, WHETHER SHOWN OR NOT SHOWN ON THESE PLANS, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, AND SHALL BE VERIFIED PRIOR TO ANY GRADING, EXCAVATION OR CONSTRUCTION OF IMPROVEMENTS. CALL MISSOURI ONE-CALL SYSTEM AT 1-800-DIG-RITE (344-7483)

3. DIRECTIONAL BORING MAY BE USED INSTEAD OF TRENCHING OR PUSHING CONDUIT, HOWEVER, NO ADDITIONAL PAYMENT WILL BE MADE.

4. THE TRAFFIC SIGNAL CONSTRUCTION SHALL BE COORDINATED WITH THE ROADWAY CONSTRUCTION. REFER TO SIGNING PLAN SHEETS AND PAVEMENT MARKING PLAN SHEETS FOR SIGNING AND STRIPING DETAILS, EXCEPT FOR SIGNS MOUNTED ON SIGNAL EQUIPMENT.

5. THE CONTRACTOR WILL BE RESPONSIBLE FOR SPOTTING THE LOCATION OF ALL SIGNAL EQUIPMENT. THE CONTRACTOR SHALL NOTIFY THE MODOT INSPECTOR A MINIMUM OF ONE WEEK IN ADVANCE OF THE DESIRED DATE OF INSTALLATION.

6. SIGNAL HEADS SHALL BE MOUNTED A MINIMUM OF 6 INCHES FROM THE END OF THE MAST ARM, WITH A MINIMUM OF 8 FEET BETWEEN SIGNAL HEADS.

7. ALL EXISTING CONCRETE SIGNAL BASES TO BE REMOVED A MINIMUM OF 12" BELOW GRADE.

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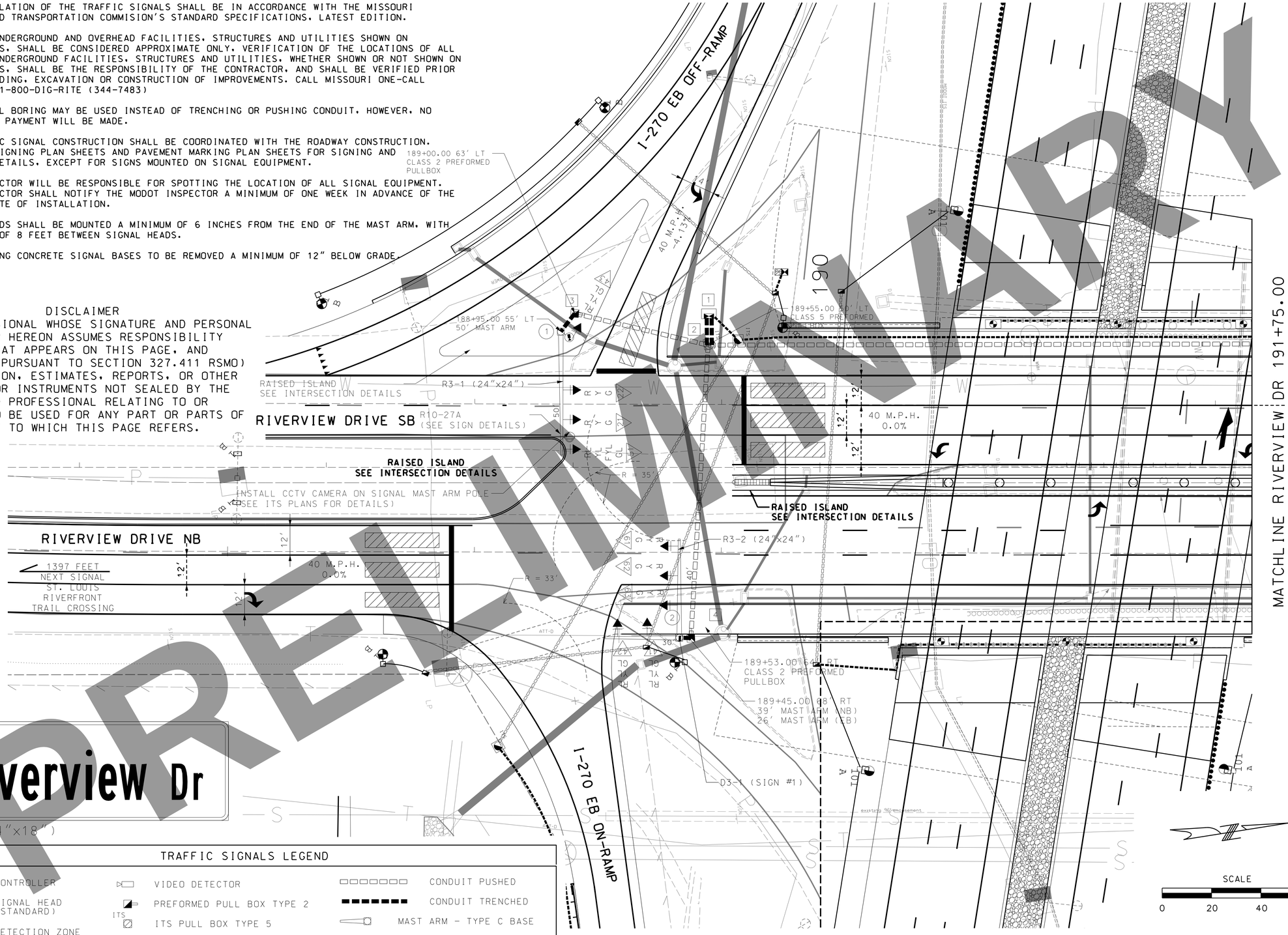


SIGN #1

D3-1 (84"x18")

TRAFFIC SIGNALS LEGEND

- CONTROLLER
- SIGNAL HEAD (STANDARD)
- DETECTION ZONE
- VIDEO DETECTOR
- PREFORMED PULL BOX TYPE 2
- ITS PULL BOX TYPE 5
- CONDUIT PUSHED
- CONDUIT TRENCHED
- MAST ARM - TYPE C BASE

SCALE 0 20 40 60

PRELIMINARY

STATE OF MISSOURI
ELENA T. WISE
NUMBER PE-2014015051
PROFESSIONAL ENGINEER

DATE PREPARED 3/16/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 127 |

COUNTY: ST. LOUIS CITY/ ST. LOUIS

JOB NO. J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

CIVIL DESIGN, INC.
Missouri State Certificate of Authority #2002006804

I-270 AND RIVERVIEW
TRAFFIC SIGNAL PLAN
SHEET 1 OF 12

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

c:\pwproj\te\dms62546\SG_01_J6I3020C_EB_I20.dgn 2:47:21 PM 3/16/2022

EFFECTIVE: 07/01/2018

| POST NUMBER | PULL BOX NUMBER | LOCATION APPROACH | LOCATION STATION | LOCATION OFFSET | BASE A 9 | BASE A 9.5 | BASE A 10 | BASE A 10.5 | BASE A 11 | BASE A 12 | BASE F 9 | BASE F 9.5 | BASE F 10 | BASE F 10.5 | BASE F 11 | BASE F 12 | BASE C | CONCRETE** (CU. YDS.) | PULL BOX PREFORMED CLASS 1 | PREFORMED CLASS 2 | PREFORMED CLASS 3 | CONCRETE CLASS 5 | CONCRETE STANDARD | CONCRETE DOUBLE, TYPE A | CONCRETE DOUBLE, TYPE B | DRAIN TYPE* I | DRAIN TYPE* II A | DRAIN TYPE* II B | DRAIN TYPE* II C | TOP MOUNT POST 8 FT. | TOP MOUNT POST 15 FT. | TYPE C & CL ARM LENGTH A 30' | TYPE C & CL ARM LENGTH A 40' | TYPE C & CL ARM LENGTH A 50' | TYPE C & CL ARM LENGTH A A | TYPE C & CL SIGNAL SPACING B | TYPE C & CL SIGNAL SPACING C | TYPE C & CL SIGNAL SPACING D | TYPE C & CL SIGNAL SPACING D' | TYPE C & CL SIGN SPACING B | TYPE C & CL SIGN SPACING C | TYPE C & CL SIGN SPACING D | TYPE C & CL SIGN SPACING D' | TYPE B & BL ARM LENGTH E | TYPE B & BL ARM LENGTH K | TYPE B & BL ARM LENGTH E | TYPE B & BL ARM LENGTH K | TYPE B & BL LEFT ARM E SIGNAL SPACING F | TYPE B & BL LEFT ARM E SIGNAL SPACING G | TYPE B & BL LEFT ARM E SIGNAL SPACING H | TYPE B & BL LEFT ARM E SIGNAL SPACING H' | TYPE B & BL LEFT ARM E SIGN SPACING F | TYPE B & BL LEFT ARM E SIGN SPACING G | TYPE B & BL LEFT ARM E SIGN SPACING H | TYPE B & BL LEFT ARM E SIGN SPACING H' | TYPE B & BL RIGHT ARM K SIGNAL SPACING L | TYPE B & BL RIGHT ARM K SIGNAL SPACING M | TYPE B & BL RIGHT ARM K SIGNAL SPACING N | TYPE B & BL RIGHT ARM K SIGNAL SPACING N' | TYPE B & BL RIGHT ARM K SIGN SPACING L | TYPE B & BL RIGHT ARM K SIGN SPACING M | TYPE B & BL RIGHT ARM K SIGN SPACING N | TYPE B & BL RIGHT ARM K SIGN SPACING N' | TYPE B & BL INCLUDED ANGLE | LUMINAIRE BRACKET ARM** 4 FT. | LUMINAIRE BRACKET ARM** 6 FT. | LUMINAIRE BRACKET ARM** 8 FT. | LUMINAIRE BRACKET ARM** 10 FT. | LUMINAIRE BRACKET ARM** 12 FT. | LUMINAIRE BRACKET ARM** 15 FT. |
|---|---|---

EFFECTIVE: 10-01-2015

## CONDUIT (WITH #14 TRACER WIRE)

| FROM | TO | CENTER TO CENTER DISTANCE | LOOP DET. | TRENCH | | | | PUSHED | | | MEDIAN | | | ON STRUCTURE | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1" | 2" | 3" | 4" | | 2" | 3" | 4" | 2" | 3" | 4" | 2" | 3" | | |
| ☒ | 2 | 24 | | | | 22 | | | | | | | | | | | 2 @ 12' EACH |
| 2 | 3 | 56 | | | | | | | 54 | | | | | | | | |
| 3 | ① | 10 | | | 14 | | | | | | | | | | | | |
| 2 | 4 | 119 | | | | | | | 117 | | | | | | | | |
| 4 | ② | 5 | | | 9 | | | | | | | | | | | | |
| 2 | 5 | 200 | | | | | | | 198 | | | | | | | | |
| SUBTOTALS | | | | 23 | 22 | | | | 369 | | | | | | | | |
| TOTALS | | | | 23 | 22 | | | | 369 | | | | | | | | |

## CABLE

| FROM | TO | CENTER TO CENTER DISTANCE | POWER | CONTROL | | | | CLOSED LOOP INTERCONNECT | LUMINAIRE | | DETECTOR | | FIBER | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | #8 AWG | 2c #16 | 5c #16 | 7c #16 | 3c #16 | 3 PAIR #16 | CONTROL 2c #12 | POLE & BRACKET 1c #10 | 1c #14 IN DUCT | 2c #14 LEAD-IN CABLE | SINGLE-MODE | MULTI-MODE | |
| ☒ | ☒ | 430 | | | | | | 458 | | | | | | | INTERCONNECT |
| ☒ | ☒ | 430 | 458 | | | | | | | | | | | | N. CABINET TO S. CABINET |
| ☒ | ① | 76 | | | | 165 | | | | | | | | | F-51 |
| ☒ | ① | 76 | | | | 153 | | | | | | | | | F-21 |
| ☒ | ① | 76 | | | | 141 | | | | | | | | | F-22 |
| ☒ | ① | 76 | | | | 109 | | | | | | | | | F-43 |
| ☒ | ② | 135 | | | | 201 | | | | | | | | | F-42 |
| ☒ | ② | 135 | | | | 189 | | | | | | | | | F-41 |
| ☒ | ② | 135 | | | | 213 | | | | | | | | | F-61 |
| ☒ | ② | 135 | | | | 201 | | | | | | | | | F-62 |
| ☒ | ② | 135 | | | | 189 | | | | | | | | | F-63 |
| SUBTOTALS | | | 458 | | | 1561 | | | | | | | | | |
| TOTALS* | | | 480 | | | 1560 | | | | | | | | | |

* INCLUDES 5% FOR SNAKING

INTERSECTION RIVERVIEW DR. AT I-270 EB RAMPS

D-37B

PRELIMINARY

STATE OF MISSOURI
PROFESSIONAL ENGINEER
ELENA T. WISE
NUMBER PE-2014015051

DATE PREPARED
3/16/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |

| DISTRICT | SHEET NO. |
|---|---|
| SL | 129 |

COUNTY
ST. LOUIS CITY/ ST. LOUIS

JOB NO.
J6I3020C

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

| DESCRIPTION | DATE |
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

CIVIL DESIGN, INC.
MBE / DBE
Missouri State Certificate of Authority #2002006804

I-270 AND RIVERVIEW
TRAFFIC SIGNAL PLAN
SHEET 3 OF 12

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

EFFECTIVE 04-01-2018

## POWER SUPPLY

| LOCATION | | | POWER SUPPLY ASSEMBLY | | CIRCUIT BREAKER TRIP RATING* | | | | LIGHTING CONTROL * (ON POWER SUPPLY) | | SERVICE POLE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | CONTROLLER | | POWER SUPPLY DISCONNECT | | | | | |
| | | | | | | | MAIN BREAKER | | | | | |
| APPROACH | STATION | OFFSET | DRAWING 902.15 | DRAWING | AUXILIARY BREAKER | CONT & SIGNAL LAMPS | SIGNALS | LIGHTING | 120 VOLT CONTROL CABINET | MAIN BREAKER | CONTRACT FURNISH | UTILITY COMPANY |
| RIVERVIEW DR. | | | Type (4) | | 15 Amps | 40 Amps | 100 Amps | 100 Amps | | Amps | Ci. Ft. | |
| | | | Type | | 15 Amps | Amps | Amps | Amps | | Amps | Ci. Ft. | |

## CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT

| LOCATION | | | SYSTEM MASTER (CLOSED LOOP) | | ACTUATED | | ON-OFF* SWITCH | | COORDINATION INTERFACE * | | | | | | TIME * CLOCK | NEMA CABINET TYPE * | | | 170 CABINET TYPE * | | 170 SOFTWARE * | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | TYPE | | 12C/7C HARDWIRE (1) | | TIME BASE | CLOSED LOOP | | FIBER | | | | | | | | |
| APPROACH | STATION | OFFSET | NEMA | 170 | NEMA | 170 | I | II | MASTER | LOCAL | | NEMA | 170 | | | E | EV | DOUBLE | 332 | 336S | BITRAN | WAPITI |
| RIVERVIEW DR. | 189+55.00 | 62' LT | | | 1 | | | | | | | | | 1 | | | 1 | | | | | |

## NEMA DETECTOR ASSIGNMENT

| | | CARD POSITION | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| CHANNEL | 1 | | OPTIONAL DETECTION (3) | | | | | | |
| | 2 | | | | | | | | |

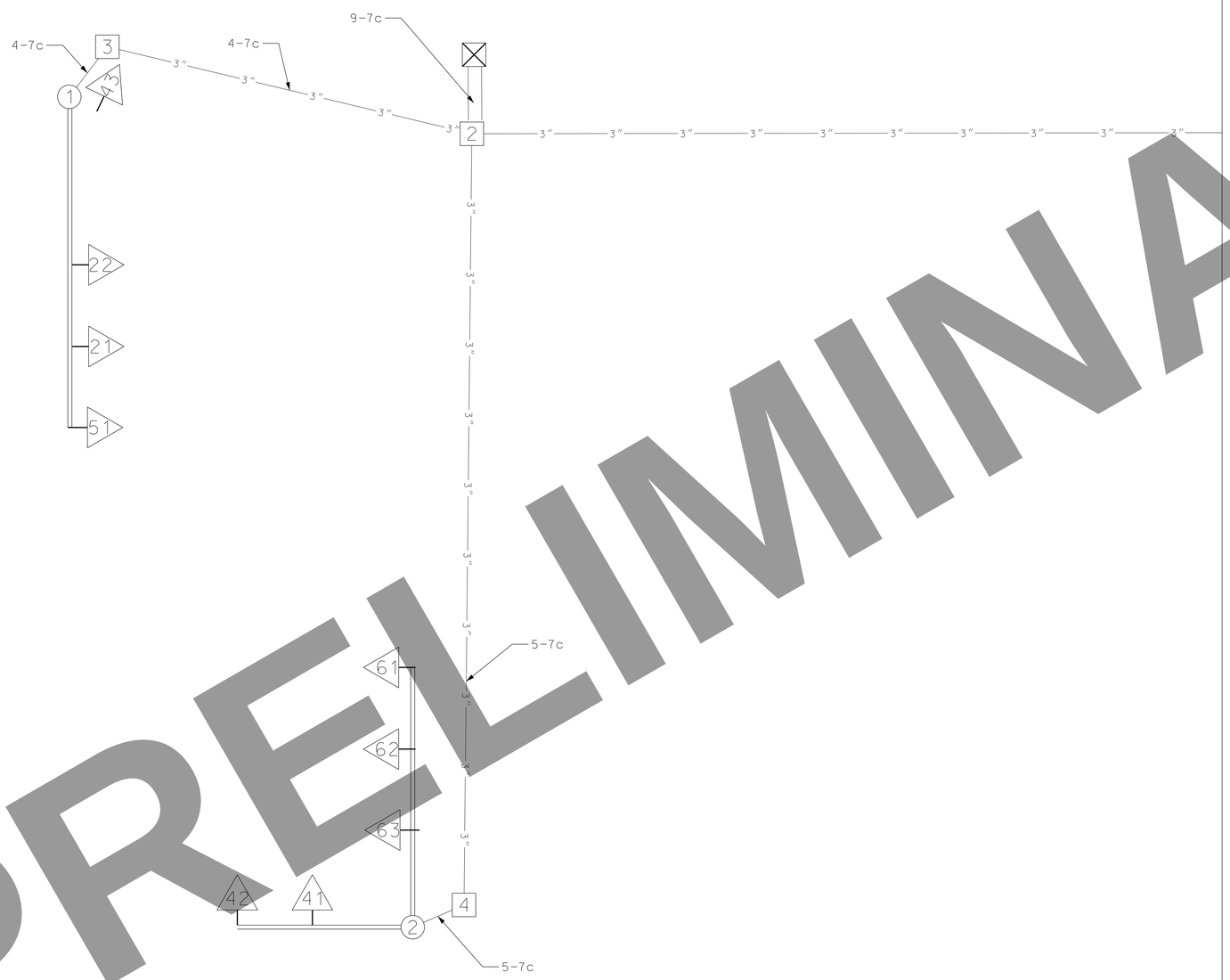
TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = (2)

## DETECTOR SCHEDULE

| DETECTOR NUMBER | APPROACH | TYPE | | | | |
|---|---|---|---|---|---|---|
| | | PUSH BUTTON | INDUCTION LOOP (2) | | | VIDEO |
| | | | STANDARD | DELAY/ EXTEND * | CALL UNIT * | |
| ALL VEH | RIVERVIEW DR EB/WB EXIT | | | | | 1 (5) |
| | | | | | | |
| | | | | | | |
| | | | | | |

EFFECTIVE 12-01-17

# WIRING DIAGRAM




## LEGEND

- 3" CONDUIT CONTAINING CABLE WITH SIZE
- CABLE
- X-Xc MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
- LIC #14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
- PULL BOX WITH NUMBER
- POST WITH NUMBER
- POST WITH MAST ARM
- POST WITH MAST ARM AND LUMINAIRE
- DETECTOR WITH NUMBER
- SIGNAL HEAD WITH NUMBER
- SIGNAL CONTROLLER
- POWER SUPPLY
- LIGHTING CONTROLLER

PRELIMINARY

RIVERVIEW DR. AT I-270 EB RAMPS

INTERSECTION

D-37D

STATE OF MISSOURI
PROFESSIONAL ENGINEER
ELENA T. WISE
NUMBER PE-2014015051

DATE PREPARED 3/16/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 131 |

COUNTY: ST. LOUIS CITY/ ST. LOUIS

JOB NO. J6I3020C

CONTRACT ID. .

PROJECT NO. .

BRIDGE NO. .

| DATE | DESCRIPTION |
|---|---|
| . | . |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

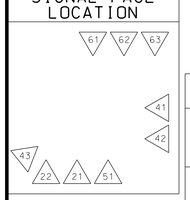
CIVIL DESIGN, INC.
Missouri State Certificate of Authority #2002006804

I-270 AND RIVERVIEW
TRAFFIC SIGNAL PLAN
SHEET 5 OF 12

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

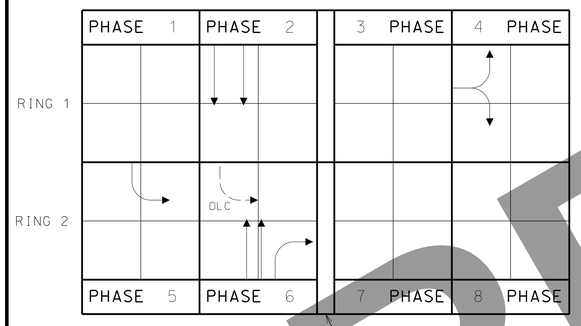
EFFECTIVE 12/01/2017

SIGNAL FACE LOCATION




## TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS

| | PHASE | PHASE 2 | PHASE | PHASE 4 | PHASE 5 | PHASE 6 | PHASE | PHASE | PED Φ OVERLAP | PED Φ OVERLAP | PED Φ OVERLAP | PED Φ OVERLAP | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FACE NUMBERS | | 21 22 | | 41 42 43 | 51 | 61 62 63 | | | | | | | FACE NUMBERS |
| SIGNAL INDICATIONS R | | R R | | RL RL RL | RL | R R R | | | | | | | R |
| SIGNAL INDICATIONS Y | | Y Y | | YL YL YL | YL | Y Y Y | | | | | | | Y |
| SIGNAL INDICATIONS FYL | | | | | FYL | | | | | | | | FYL |
| SIGNAL INDICATIONS G | | G G | | GL GL GL | GL | G G G | | | | | | | G |
| DETECTOR ASSIGNMENTS | | | | | | | | | | | | | DETECTOR ASSIGNMENTS |
| DETECTOR ASSIGNMENTS (PEDS. ONLY) | | | | | | | | | | | | | |
| OVERLAP PARENT PHASES | | | | | | | | | | | | | |




RING STRUCTURE

IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

| FLASHING OPERATION | |
|---|---|
| I-270 EB RAMPS | FR |
| RIVERVIEW DR. | FR |

| CONTROLLER TYPE | NEMA |
|---|---|

TRAFFIC SIGNAL CONTROL OPERATION

INTERSECTION OF

RIVERVIEW DR. WITH I-270 EB RAMPS

## LEGEND

- ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
- NON-ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
- ACTUATED PEDESTRIAN MOVEMENT
- NON-ACTUATED PEDESTRIAN MOVEMENT
- VEHICLE STOPPED
- FDW — FLASHING DON'T WALK
- W — WALK
- DW — DON'T WALK
- R/W — RIGHT OF WAY INTERVAL
- YR† — YELLOW RIGHT ARROW
- RT. — GREEN RIGHT ARROW
- LY -YL — YELLOW LEFT ARROW
- L — GREEN LEFT ARROW
- S — GREEN STRAIGHT AHEAD ARROW
- G — CIRCULAR GREEN
- Y — CIRCULAR YELLOW
- R — CIRCULAR RED
- RL — RED LEFT ARROW
- Ø — TRAFFIC PHASE
- AO — ALL OTHERS
- FR — FLASHING RED
- FY — FLASHING CIRCULAR YELLOW
- FYL — FLASHING YELLOW LEFT ARROW

D-38C

PRELIMINARY

STATE OF MISSOURI
PROFESSIONAL ENGINEER
ELENA T. WISE
NUMBER PE-2014015051

DATE PREPARED 3/16/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 132 |

COUNTY: ST. LOUIS CITY/ ST. LOUIS

JOB NO. J6I3020C

CONTRACT ID. .

PROJECT NO. .

BRIDGE NO. .

| DATE | DESCRIPTION |
|---|---|
| . | . |

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

CDI CIVIL DESIGN, INC. MBE / DBE
Missouri State Certificate of Authority #2002006804

I-270 AND RIVERVIEW

TRAFFIC SIGNAL PLAN

SHEET 6 OF 12

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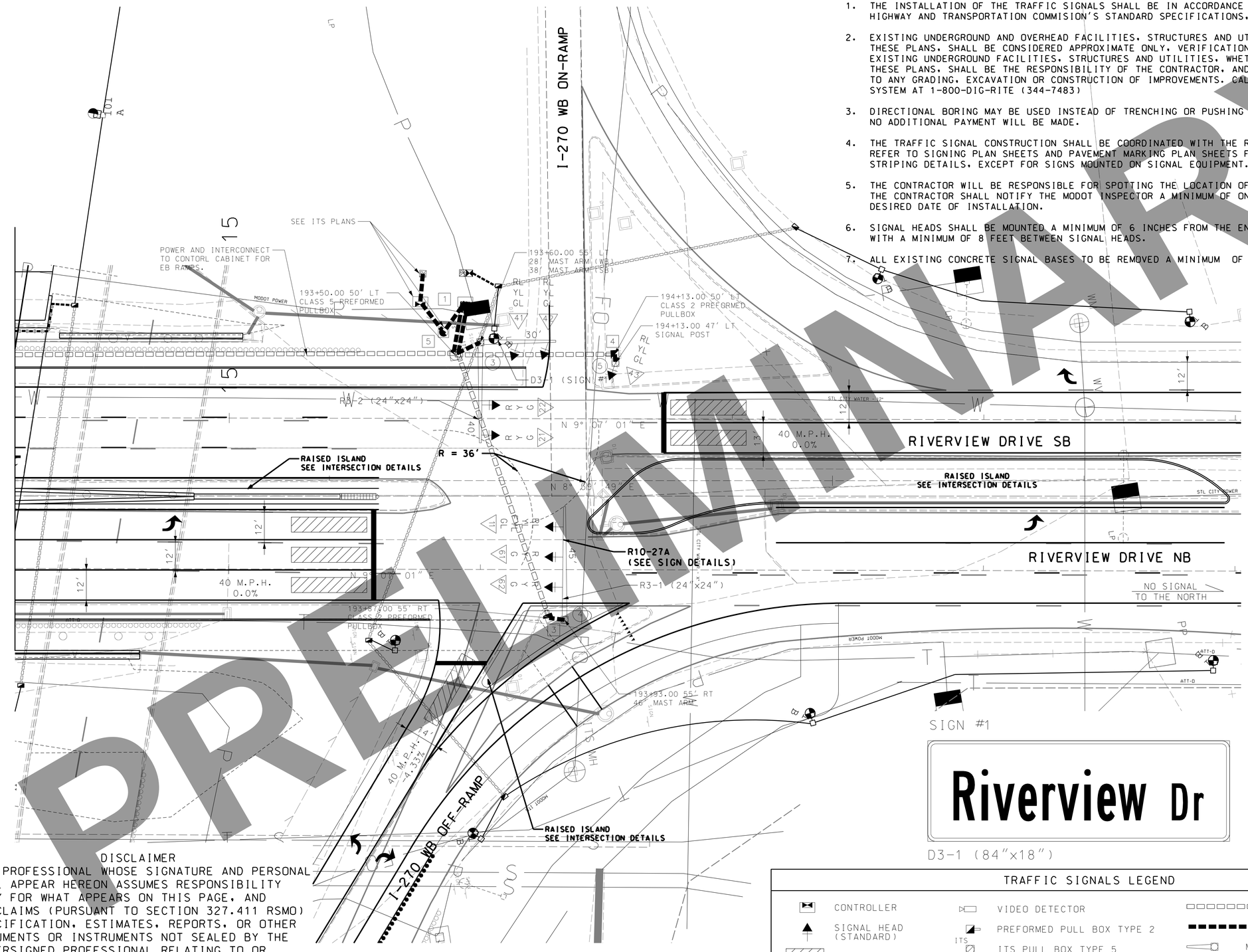


GENERAL NOTES:

1. THE INSTALLATION OF THE TRAFFIC SIGNALS SHALL BE IN ACCORDANCE WITH THE MISSOURI HIGHWAY AND TRANSPORTATION COMMISION'S STANDARD SPECIFICATIONS, LATEST EDITION.
2. EXISTING UNDERGROUND AND OVERHEAD FACILITIES, STRUCTURES AND UTILITIES SHOWN ON THESE PLANS, SHALL BE CONSIDERED APPROXIMATE ONLY, VERIFICATION OF THE LOCATIONS OF ALL EXISTING UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES, WHETHER SHOWN OR NOT SHOWN ON THESE PLANS, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, AND SHALL BE VERIFIED PRIOR TO ANY GRADING, EXCAVATION OR CONSTRUCTION OF IMPROVEMENTS. CALL MISSOURI ONE-CALL SYSTEM AT 1-800-DIG-RITE (344-7483)
3. DIRECTIONAL BORING MAY BE USED INSTEAD OF TRENCHING OR PUSHING CONDUIT, HOWEVER, NO ADDITIONAL PAYMENT WILL BE MADE.
4. THE TRAFFIC SIGNAL CONSTRUCTION SHALL BE COORDINATED WITH THE ROADWAY CONSTRUCTION. REFER TO SIGNING PLAN SHEETS AND PAVEMENT MARKING PLAN SHEETS FOR SIGNING AND STRIPING DETAILS, EXCEPT FOR SIGNS MOUNTED ON SIGNAL EQUIPMENT.
5. THE CONTRACTOR WILL BE RESPONSIBLE FOR SPOTTING THE LOCATION OF ALL SIGNAL EQUIPMENT. THE CONTRACTOR SHALL NOTIFY THE MODOT INSPECTOR A MINIMUM OF ONE WEEK IN ADVANCE OF THE DESIRED DATE OF INSTALLATION.
6. SIGNAL HEADS SHALL BE MOUNTED A MINIMUM OF 6 INCHES FROM THE END OF THE MAST ARM, WITH A MINIMUM OF 8 FEET BETWEEN SIGNAL HEADS.
7. ALL EXISTING CONCRETE SIGNAL BASES TO BE REMOVED A MINIMUM OF 12" BELOW GRADE.

TRAFFIC SIGNALS LEGEND

| | | | |
|---|---|---|---|
| CONTROLLER | VIDEO DETECTOR | CONDUIT PUSHED |
| SIGNAL HEAD (STANDARD) | PREFORMED PULL BOX TYPE 2 | CONDUIT TRENCHED |
| DETECTION ZONE | ITS PULL BOX TYPE 5 | MAST ARM - TYPE C BASE |

DISCLAIMER
THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

PRELIMINARY

STATE OF MISSOURI
ELENA T. WISE
NUMBER PE-2014015051
PROFESSIONAL ENGINEER

DATE PREPARED 3/16/2022
ROUTE I-270 | STATE MO
DISTRICT SL | SHEET NO. 133
COUNTY ST. LOUIS CITY/ ST. LOUIS
JOB NO. J6I3020C
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

| DATE | DESCRIPTION |
|---|---|
| . | . |

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

CIVIL DESIGN, INC.
Missouri State Certificate of Authority #2002006804

I-270 AND RIVERVIEW
TRAFFIC SIGNAL PLAN
SHEET 7 OF 12

EFFECTIVE: 07/01/2018

| POST NUMBER | PULL BOX NUMBER | LOCATION APPROACH | STATION | OFFSET | BASE A 9 | A 9.5 | A 10 | A 10.5 | A 11 | A 12 | F 9 | F 9.5 | F 10 | F 10.5 | F 11 | F 12 | C | CONCRETE** (CU. YDS.) | PULL BOX PREFORMED CLASS 1 | CLASS 2 | CLASS 3 | CLASS 5 | CONCRETE STANDARD | DOUBLE, TYPE A | DOUBLE, TYPE B | DRAIN TYPE* I | II A | II B | II C | POST TOP MOUNT POST 8 FT. | 15 FT. | TYPE C & CL ARM LENGTH A | A | A | A | SIGNAL SPACING B | C | D | D' | SIGN SPACING B | C | D | D' | TYPE B & BL ARM LENGTH E | K | E | K | E | K | LEFT ARM E SIGNAL SPACING F | G | H | H' | SIGN SPACING F | G | H | H' | RIGHT ARM K SIGNAL SPACING L | M | N | N' | SIGN SPACING L | M | N | N' | INCLUDED ANGLE | LUMINAIRE BRACKET ARM** 4 FT. | 6 FT. | 8 FT. | 10 FT. | 12 FT. | 15 FT. |
|---|---|---

EFFECTIVE: 10-01-2015

## CONDUIT (WITH #14 TRACER WIRE)

| FROM | TO | CENTER TO CENTER DISTANCE | LOOP DET. | TRENCH | | | | PUSHED | | | MEDIAN | | | ON STRUCTURE | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1" | 2" | 3" | 4" | | 2" | 3" | 4" | 2" | 3" | 4" | 2" | 3" | | |
| ⊘ | SCP | 11 | | | (15) | | | | | | | | | | | | INCLUDED IN COST OF UPS |
| SCP | ITS | 15 | | | 13 | | | | | | | | | | | | |
| ITS | ⊠ | 15 | | | 13 | | | | | | | | | | | | |
| ⊠ | 5 | 21 | | | | 39 | | | | | | | | | | | 2 @ 39' EACH |
| 5 | ③ | 10 | | | 14 | | | | | | | | | | | | |
| 5 | 3 | 110 | | | | | | 108 | | | | | | | | | |
| 3 | ④ | 6 | | | 10 | | | | | | | | | | | | |
| 5 | 4 | 64 | | | | | | 62 | | | | | | | | | |
| 4 | ⑤ | 5 | | | 9 | | | | | | | | | | | | |
| 5 | 2 | 400 | | | | | | 398 | | | | | | | | | |
| SUBTOTALS | | | | 55 | 39 | | | 568 | | | | | | | | | |
| TOTALS | | | | 55 | 39 | | | 568 | | | | | | | | | |

## CABLE

| FROM | TO | CENTER TO CENTER DISTANCE | POWER | | CONTROL | | | | CLOSED LOOP INTERCONNECT | LUMINAIRE | | DETECTOR | | FIBER | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | #2 AWG | #8 AWG | 2c #16 | 5c #16 | 7c #16 | 3c #16 | 3 PAIR #16 | CONTROL 2c #12 | POLE & BRACKET 1c #10 | 1c #14 IN DUCT | 2c #14 LEAD-IN CABLE | SINGLE-MODE | MULTI-MODE | |
| ⊘ | SCP | 11 | (54) | | | | | | | | | | | | | POWER SOURCE TO POWER SUPPLY |
| SCP | ⊠ | 41 | | 63 | | | | | | | | | | | | P/S TO NORTH CABINET |
| ⊠ | ③ | 33 | | | | | 105 | | | | | | | | | F-21 |
| ⊠ | ③ | 33 | | | | | 93 | | | | | | | | | F-22 |
| ⊠ | ③ | 33 | | | | | 96 | | | | | | | | | F-42 |
| ⊠ | ③ | 33 | | | | | 84 | | | | | | | | | F-41 |
| ⊠ | ④ | 139 | | | | | 217 | | | | | | | | | F-11 |
| ⊠ | ④ | 139 | | | | | 205 | | | | | | | | | F-61 |
| ⊠ | ④ | 139 | | | | | 193 | | | | | | | | | F-62 |
| ⊠ | ⑤ | 88 | | | | | 121 | | | | | | | | | F-43 |
| SUBTOTALS | | | | 63 | | | 1114 | | | | | | | | | |
| TOTALS✳ | | | | 70 | | | 1170 | | | | | | | | | |

✳ INCLUDES 5% FOR SNAKING

INTERSECTION RIVERVIEW DR. AT I-270 WB RAMPS

D-37B

PRELIMINARY

ELENA T. WISE
NUMBER PE-2014015051
STATE OF MISSOURI PROFESSIONAL ENGINEER

DATE PREPARED 3/16/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |

| DISTRICT | SHEET NO. |
|---|---|
| SL | 135 |

COUNTY: ST. LOUIS CITY/ ST. LOUIS

JOB NO. J6I3020C

CONTRACT ID. .

PROJECT NO. .

BRIDGE NO. .

| DESCRIPTION | DATE |
|---|---|
| . | . |
| . | . |
| . | . |
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

CIVIL DESIGN, INC. MBE / DBE
Missouri State Certificate of Authority #2002006804

I-270 AND RIVERVIEW
TRAFFIC SIGNAL PLAN
SHEET 9 OF 12

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EFFECTIVE 04-01-2018

## POWER SUPPLY

| LOCATION | | | POWER SUPPLY ASSEMBLY | | CIRCUIT BREAKER TRIP RATING* | | | | LIGHTING CONTROL * (ON POWER SUPPLY) | | SERVICE POLE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | CONTROLLER | | POWER SUPPLY DISCONNECT | | | | | |
| | | | | | | | MAIN BREAKER | | | | | |
| APPROACH | STATION | OFFSET | DRAWING 902.15 | DRAWING | AUXILIARY BREAKER | CONT & SIGNAL LAMPS | SIGNALS | LIGHTING | 120 VOLT CONTROL CABINET | MAIN BREAKER | CONTRACT FURNISH | UTILITY COMPANY |
| . | . | . | Type | . | 15 Amps | . Amps | . Amps | . Amps | | . Amps | Ci. Ft. | |
| . | . | . | Type | . | 15 Amps | . Amps | . Amps | . Amps | | . Amps | Ci. Ft. | |

## CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT

| LOCATION | | | SYSTEM MASTER (CLOSED LOOP) | | ACTUATED | | ON-OFF* SWITCH | | COORDINATION INTERFACE * | | | | | | TIME * CLOCK | NEMA CABINET TYPE * | | | 170 CABINET TYPE * | | 170 SOFTWARE * | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | TYPE | | 12C/7C HARDWIRE (1) | | TIME BASE | CLOSED LOOP | | FIBER | | | | | | | | |
| APPROACH | STATION | OFFSET | NEMA | 170 | NEMA | 170 | I | II | MASTER | LOCAL | | NEMA | 170 | | | E | EV | DOUBLE | 332 | 336S | BITRAN | WAPITI |
| RIVERVIEW DR. | 193+54.00 | 71' LT | | | 1 | | | | | | | | | 1 | | | 1 | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |

## NEMA DETECTOR ASSIGNMENT

| | | CARD POSITION | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| CHANNEL | 1 | . | OPTIONAL DETECTION (3) | | | | | | . |
| | 2 | . | | | | | | | . |

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = (2)

## DETECTOR SCHEDULE

| DETECTOR NUMBER | APPROACH | TYPE | | | | |
|---|---|---|---|---|---|---|
| | | PUSH BUTTON | INDUCTION LOOP (2) | | | VIDEO |
| | | | STANDARD | DELAY/ EXTEND * | CALL UNIT * | |
| ALL VEH | RIVERVIEW DR EB/WB EXIT | | | | | 1 (3) |
| | | | | | | |
| | | | | | | |
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| | | | | | | |
| TOTAL | | | | | | |

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

(1) MODOT "D" PLUG SHALL BE WIRED INTO ALL NEMA CONTROLLERS WITH 7C HARDWIRE INTERCONNECT.

(2) PAYMENT IS MADE FOR THE NUMBER OF 2-CHANNEL DETECTOR CARDS AS SHOWN BELOW THE ASSIGNMENT CHART.

(3) THE CONTRACTOR SHALL PROVIDE AND INSTALL A VEHICLE DETECTION SYSTEM FULLY COVERING ALL DETECTION ZONES SHOWN ON THE PLANS. THE METHOD OF VEHICLE DETECTION CHOSEN SHALL COMPLY WITH MODOT:S STANDARDS AND SPECIFICATIONS. ALL EQUIPMENT USED THE SYSTEM SHALL BE IN ACCORDANCE WITH MODOT'S CURRENT APPROVED PRODUCT LIST AND RECEIVE MODOT ST. LOUIS DISTRICT APPROVAL PRIOR TO INSTALLATION. THIS WILL BE A COMPLETE UNIT WITH ALL COSTS INCLUDED.

## SIGNAL SIGNS

| QUANTITY | MUTCD SIGN NUMBER | SIZE | AREA | SIGN TOTAL AREA ITEM NO. 90208.33 | SIGNAL SIGN MOUNTING HARDWARE ITEM NO. 90208.34 |
|---|---|---|---|---|---|
| | | INCHES | SQ.FT. | SQ.FT. | EA. |
| | R10-10L | 24 X 30 | 5.0 | | |
| | R10-10R | 24 X 30 | 5.0 | | |
| | R3-5L | 30 X 36 | 7.5 | | |
| | R3-5R | 30 X 36 | 7.5 | | |
| | R3-5A | 30 X 36 | 7.5 | | |
| | R3-6L | 30 X 36 | 7.5 | | |
| | R3-6R | 30 X 36 | 7.5 | | |
| 1 | R3-2 | 24 X 24 | 4.0 | 4.0 | 1 |
| 1 | R3-1 | 24 X 24 | 4.0 | 4.0 | 1 |
| | R3-3 | 24 X 24 | 4.0 | | |
| | D3-1 *** | VAR. X 18 | | | |
| | D3-1B *** | VAR. X 18 | | | |
| | R10-3E | 9 X 15 | 0.9 | | |
| | R10-11A | 24 X 30 | 5.0 | | |
| | R10-13 | 36 X 24 | 6.0 | | |
| 1 | R10-27A | 30 X 36 | 7.5 | 7.5 | 1 |
| 1 | D3-18 | 96 X 18 | 12 | 12 | 1 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | SUBTOTAL | 28 | 4 |
| | | | TOTAL | 28 | 4 |

## NEMA LOAD SWITCH ASSIGNMENTS

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NBL | SB | WB | NB | NOT USED | NOT USED | NOT USED | NOT USED | NOT USED | NOT USED | NOT USED | NOT USED | NOT USED | NOT USED | NOT USED | NOT USED |

PRELIMINARY

RIVERVIEW DR. AT I-270 WB RAMPS

INTERSECTION

D-37C

ELENA T. WISE
NUMBER PE-2014015051
STATE OF MISSOURI
PROFESSIONAL ENGINEER

DATE PREPARED 3/16/2022

ROUTE I-270 | STATE MO

DISTRICT SL | SHEET NO. 136

COUNTY ST. LOUIS CITY/ ST. LOUIS

JOB NO. J6I3020C

CONTRACT ID. .

PROJECT NO. .

BRIDGE NO. .

| DESCRIPTION | DATE |
|---|---|
| . | . |

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

CDI CIVIL DESIGN, INC. Missouri State Certificate of Authority #2002006804

I-270 AND RIVERVIEW

TRAFFIC SIGNAL PLAN

SHEET 10 OF 12

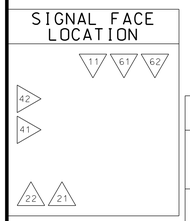
EFFECTIVE 12-01-17

## WIRING DIAGRAM

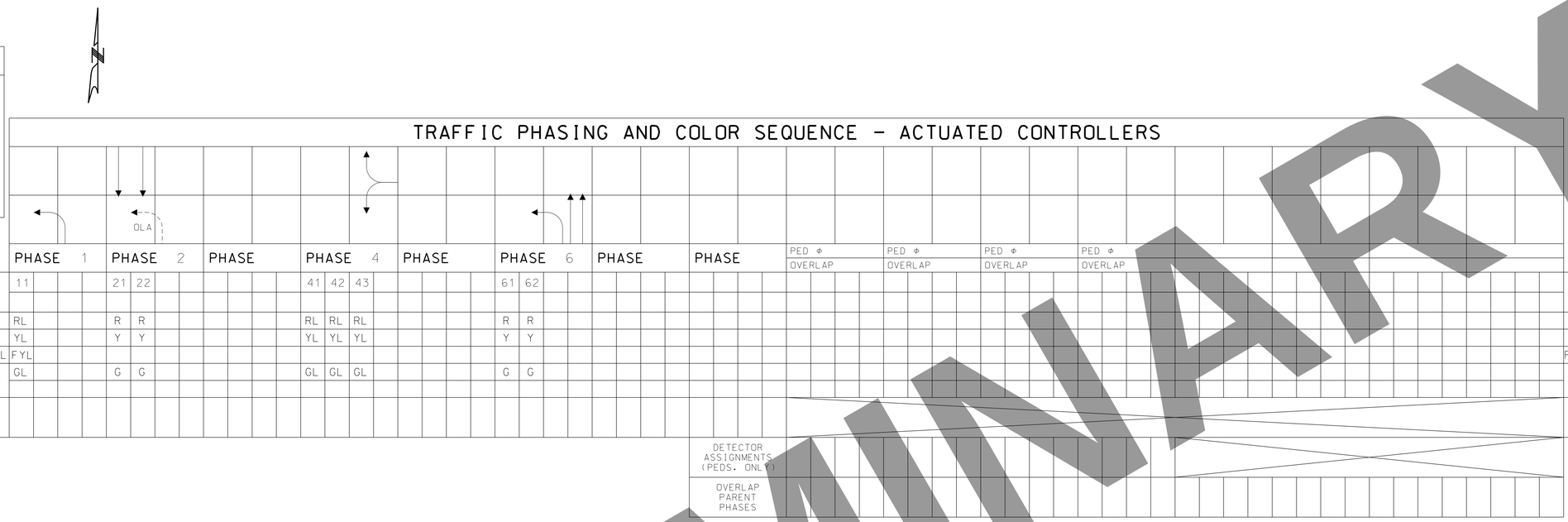
SEE ITS PLANS
#8 AWG
#8 AWG
#8 AWG
9-7c
5-7c
1-7c
1-7c
3"
4"
4"
3"
3"
3

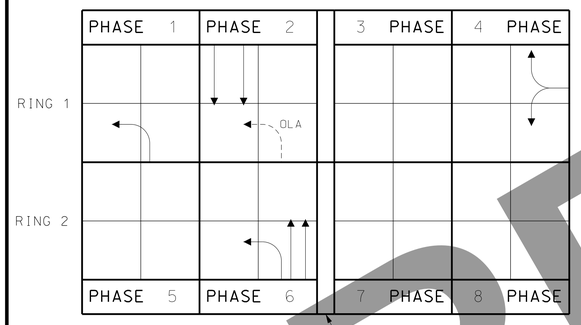
EFFECTIVE 12/01/2017

SIGNAL FACE LOCATION




## TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS




OLA = 1

RING STRUCTURE

IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

| FLASHING OPERATION | |
|---|---|
| I-270 WB RAMPS | FR |
| RIVERVIEW DR. | FR |

| CONTROLLER TYPE | NEMA |
|---|---|

| TRAFFIC SIGNAL CONTROL OPERATION | | |
|---|---|---|
| INTERSECTION OF | | |
| RIVERVIEW DR. | WITH | I-270 WB RAMPS |

## LEGEND

- ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
- NON-ACTUATED VEHICULAR MOVEMENT
- PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
- ACTUATED PEDESTRIAN MOVEMENT
- NON-ACTUATED PEDESTRIAN MOVEMENT
- VEHICLE STOPPED
- FDW — FLASHING DON'T WALK
- W — WALK
- DW — DON'T WALK
- R/W — RIGHT OF WAY INTERVAL
- YR† — YELLOW RIGHT ARROW
- RT. — GREEN RIGHT ARROW
- LY -YL — YELLOW LEFT ARROW
- L — GREEN LEFT ARROW
- S — GREEN STRAIGHT AHEAD ARROW
- G — CIRCULAR GREEN
- Y — CIRCULAR YELLOW
- R — CIRCULAR RED
- RL — RED LEFT ARROW
- Ø — TRAFFIC PHASE
- AO — ALL OTHERS
- FR — FLASHING RED
- FY — FLASHING CIRCULAR YELLOW
- FYL — FLASHING YELLOW LEFT ARROW

PRELIMINARY

STATE OF MISSOURI
PROFESSIONAL ENGINEER
ELENA T. WISE
NUMBER PE-2014015051

DATE PREPARED 3/16/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |

| DISTRICT | SHEET NO. |
|---|---|
| SL | 138 |

COUNTY: ST. LOUIS CITY/ ST. LOUIS

JOB NO. J6I3020C

CONTRACT ID. .

PROJECT NO. .

BRIDGE NO. .

| DESCRIPTION | DATE |
|---|---|
| . | . |
| . | . |
| . | . |
| . | . |
| . | . |
| . | . |
| . | . |

IF A SEAL IS PRESENT ON THIS SHEET IT HAS been ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
CIVIL DESIGN, INC.
Missouri State Certificate of Authority #2002006804

I-270 AND RIVERVIEW

TRAFFIC SIGNAL PLAN

SHEET 12 OF 12

D-38C

## ITS GENERAL NOTES:

1. THE MAINTAINING AGENCY IS MODOT.

2. THE INSTALLATION OF THE ITS DEVICES SHALL BE IN ACCORDANCE WITH THE MISSOURI HIGHWAY AND TRANSPORTATION COMMISSION'S STANDARD SPECIFICATIONS, LATEST EDITION.

3. EXISTING UNDERGROUND AND OVERHEAD FACILITIES, STRUCTURES AND UTILITIES IF SHOWN ON THESE PLANS, SHALL BE CONSIDERED APPROXIMATE ONLY. VERIFICATION OF THE LOCATIONS OF ALL EXISTING UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES, EITHER SHOWN OR NOT SHOWN ON THESE PLANS, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, AND SHALL BE VERIFIED PRIOR TO ANY GRADING, EXCAVATION OR CONSTRUCTION OF IMPROVEMENTS. CALL MISSOURI ONE-CALL SYSTEM AT 1-800-DIG-RITE (344-7483).

4. TRAFFIC CONTROL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS AND MISSOURI DEPARTMENT OF TRANSPORTATION STANDARDS.

5. DIRECTIONAL BORING MAY BE USED INSTEAD OF TRENCHING OR PUSHING CONDUIT, HOWEVER, NO ADDITIONAL PAYMENT WILL BE MADE.

6. THE ITS EQUIPMENT INSTALLATION SHALL BE COORDINATED WITH ALL OTHER CONSTRUCTION ACTIVITIES.

7. FOR SYSTEM COMMUNICATION REQUIREMENTS SEE COMMUNICATION DETAILS.

8. THE CONTRACTOR WILL BE RESPONSIBLE FOR SPOTTING THE LOCATION OF ALL ITS EQUIPMENT. THE CONTRACTOR SHALL NOTIFY THE MODOT INSPECTOR AND SLITS GROUP VIA EMAIL TO SLITS@MODOT.MO.GOV A MINIMUM OF ONE WEEK IN ADVANCE OF THE DESIRED DATE OF INSTALLATION OR WORKING WITH MODOT'S NETWORK.

9. CONTRACTOR SHALL MAINTAIN 2' CONDUIT CLEARANCE FROM ALL LANDSCAPED FEATURES EXISTING WITH IN RIGHT OF WAY. ANY LANDSCAPING DISTURBED DURING CONSTRUCTION ACTIVITIES SHALL BE RESTORED TO ORIGINAL CONDITION AT THE EXPENSE OF THE CONTRACTOR.

10. THE CONTRACTOR SHALL FIELD REVIEW NECESSARY ROUTING OF CONDUIT AND LOCATIONS OF PULLBOXES TO DETERMINE THE TYPES AND EXTENT OF INCIDENTAL REMOVAL AND RELOCATION OF ITEMS TO BE INCLUDED IN THE UNIT PRICE OF CONDUIT AND PULLBOXES.

11. WARNING TAPE IS REQUIRED IN ALL TRENCHES CONTAINING CONDUIT.

12. JACKETED #14 STRANDED BLUE LOCATOR WIRE SHALL BE PLACED CONTINUOUSLY IN ALL UNDERGROUND NON-METALIC CONDUITS BONDED TO GROUNDING RODS WITHIN A PULLBOX. APPROVED LOCATOR WIRE SHALL BE MOUNTED TO THE INSIDE WALL OF EACH PULLBOX.

13. INSTALLATION OF CONDUIT NEAR GUARDRAIL, BOX CULVERTS, MSE WALLS, AND SIGN POSTS SHALL BE COORDINATED THROUGH THE GENERAL CONTRACTOR WITH ANY NECESSARY SUB-CONTRACTORS INVOLVED. EXACT LOCATIONS OF THE CONDUITS MAY NEED TO BE FIELD ADJUSTED TO ACCOMMODATE THE AFFOREMENTIONED ELEMENTS.

14. 60' OF SLACK SHALL BE COILED IN EACH DEVICE PULL BOX. 20' OF SLACK SHALL BE COILED IN EACH INTERMITTENT PULLBOX.

15. THIS PLAN SET ONLY INCLUDES ELEMENTS RELATED TO THE ITS EQUIPMENT INSTALLATION. REFER TO THE ROADWAY PLANS FOR ADDITIONAL INFORMATION.

16. ALL PROPOSED MAINLINE FIBER OPTIC CABLES SHALL BE INSTALLED IN 1-2" CONDUIT WITH 1-2" CONDUIT SPARE IN SAME TRENCH.

17. ALL DMS SIGN BOARDS SHALL BE FULL COLOR MATRIX DISPLAYS AS APPROVED BY MODOT.

18. ALL FIBER OPTIC CABLE NOT IDENTIFIED AS MODOT ITS CABLE BELONGS TO OTHERS.

19. THE CONTRACTOR SHALL INSTALL A MODOT "BURIED CABLE" DELINEATOR POST NEXT TO ALL NEW FIBER OPTIC PULL BOXES WITHIN THE PROJECT LIMITS (SEE DETAIL SHEET). THE POST SHALL WITHSTAND MULTIPLE DIRECTIONAL IMPACTS AND PROVIDING A LONG LASTING AND EXTREMELY DURABLE PRODUCT REQUIRING LITTLE FIELD MAINTENANCE. THE CONTRACTOR SHALL NOT BE REQUIRED TO INSTALL POSTS AT PULL BOXES NEAREST TO NEW OR EXISTING FIELD CABINETS. THE POSTS SHALL BE PLACED AT A MINIMUM SPACING OF 500 FEET, UNLESS LINE OF SIGHT TO THE ADJACENT POST WOULD BE OBSTRUCTED, IN WHICH CASE THE ENGINEER MAY DIRECT THE CONTRACTOR TO INSTALL POSTS AT POINTS TO ALLOW FOR GROUND-LEVEL LINE OF SIGHT FROM ADJACENT POSTS OR FIELD CABINETS.

20. CALL OUT NOTE ABBREVIATIONS:
(U.I.P.) - USE IN PLACE
(T.B.A.) - TO BE ABANDONED
(T.B.R.) - TO BE REMOVED
(T.B.R.R.) - TO BE REMOVED AND RELOCATED
(A.T.G) - ADJUST TO FINAL GRADE
CCTV - CLOSED CIRCUIT TELEVISION CAMERA (PTZ)
DMS - DYNAMIC MESSAGE SIGN
DTB - DYNAMIC TRAILBLAZER SIGN

## ITS LEGEND

- SIGNAL CONTROLLER
- GROUND MOUNT ITS CABINET
- POWER SUPPLY/LIGHTING CONTROLLER CABINET
- POWER SUPPLY
- FREEWAY DETECTOR POLE ASSEMBLY WITH POLE MOUNT CABINET
- CCTV CAMERA ASSEMBLY WITH POLE MOUNTED CABINET
- PREFORMED PULL BOX
- ITS PULL BOX - CLASS 5
- EXISTING PREFORMED PULL BOX
- EXISTING ITS PULL BOX - CLASS 5
- DMS
- EXISTING DMS
- CONDUIT PUSHED
- CONDUIT EXISTING
- CONDUIT TRENCHED

PRELIMINARY

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED 3/17/2022

| ROUTE | STATE |
|---|---|
| I-270 | MO |
| DISTRICT | SHEET NO. |
| SL | 139 |

COUNTY: ST. LOUIS CITY/ ST. LOUIS

JOB NO. J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

| DESCRIPTION | DATE |
|---|---|
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

CBB TRANSPORTATION ENGINEERS+PLANNERS
13400 OLIVE BLVD, SUITE 430 CHESTERFIELD, MO. 63141 (314) 878-0444
LOCATIONS IN KS, MO & IL
COLLINSVILLE, IL
www.cbbinc.com
MISSOURI CERTIFICATE OF AUTHORITY #000593 • EXP DEC 31, 2022

I-270 AND RIVERVIEW
ITS PLAN
NOTES & LEGEND

## ITS PULLBOXES

| PULLBOX NUMBER | SHEET NUMBER | LOCATION | | | CLASS 1 | CLASS 2 | CLASS 5 | DRAIN TYPE | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | APPROACH | STATION | OFFSET | | | | I | II | | |
| | | | | | | | | | A | B | C |
| 1 | ITS04 | I-270 WB | 2752+69 | 63.5' L | 1 | | | 1 | | | |
| 307 | ITS04 | I-270 WB | U.I.P. | U.I.P. | | | UIP | | | | |
| 308 | ITS04 | I-270 WB | U.I.P. | U.I.P. | | | UIP | | | | |
| 309 | ITS05 | I-270 WB | U.I.P. | U.I.P. | | | UIP | | | | |
| 310 | ITS05 | I-270 WB | 2770+15 | 252' L | | | 1 | 1 | | | |
| 311 | ITS05 | I-270 WB | 2771+87.5 | 203.2 | | | 1 | 1 | | | |
| 312 | ITS05 | I-270 WB | 2774+07 | 59.8' L | | | 1 | 1 | | | |
| 313 | ITS05 | I-270 EB | 1772+40 | 131.6' R | | | 1 | 1 | | | |
| 314 | ITS05 | I-270 EB | 1774+18 | 202' R | | | 1 | 1 | | | |
| 2 | ITS05 | I-270 WB | U.I.P. | U.I.P. | | UIP | | | | | |
| 3 | ITS05 | I-270 WB | 2776+07 | 151' L | 1 | | | 1 | | | |
| 4 | ITS06 | I-270 WB | 2777+97 | 88' L | 1 | | | 1 | | | |
| 5 | ITS06 | I-270 WB | 2779+65 | 72' L | 1 | | | 1 | | | |
| 6 | ITS06 | I-270 EB | 1779+48 | 65' R | 1 | | | 1 | | | |
| 315 | ITS06 | I-270 EB | 1779+53 | 30' R | | | 1 | 1 | | | |
| 316 | ITS06 | I-270 WB | 2779+70 | 60.5' L | | | 1 | 1 | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | TOTALS | 5 | 0 | 7 | 12 | | | |

## CONDUIT

| ITS SHEET | FROM | TO | CENTER TO CENTER | TRENCH 2" | PUSHED 2" | ON STRUCTURE 2" | REMARKS |
|---|---|---|---|---|---|---|---|
| ITS03 | UTILITY POLE | P/S | 327 | 130 | 205 | | |
| ITS03 | P/S | PB 1 | 7 | 10 | | | |
| ITS03 | PB 1 | RTMS | 9 | 12 | | | |
| ITS03 | PB 307 | RTMS | 79 | 82 | | | |
| ITS03 | PB 307 | PB308 | 760 | 758 | | | |
| ITS05 | PB 310 | PB 311 | 182 | | 180 | | |
| ITS05 | PB 311 | PB 312 | 262 | | 260 | | |
| ITS05 | PB 312 | CCTV | 10 | 13 | | | |
| ITS05 | PB 311 | CONTROLER | 14 | 17 | | | |
| ITS05 | PB 311 | ITS CABINET | 14 | 17 | | | |
| ITS05 | P/S | ITS CABINET | 12 | 18 | | | |
| ITS05 | PB 311 | PB 313 | 380 | 378 | | | |
| ITS05 | PB 313 | CONTROLLER | 15 | 18 | | | |
| ITS05 | PB 313 | PB 314 | 191 | | 189 | | |
| ITS05 | PB 2 | PB 3 | 205 | 203 | | | |
| ITS05/ITS06 | PB 3 | PB 4 | 200 | 198 | | | |
| ITS06 | PB 4 | PB 5 | 168 | 166 | | | |
| ITS05/ITS06 | PB 314 | PB 315 | 560 | 558 | | | |
| ITS06 | PB 5 | PB 6 | 175 | | 173 | | |
| ITS06 | PB 6 | RTMS | 16 | 19 | | | |
| ITS06 | PB 315 | RTMS | 10 | 13 | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | TOTAL | 2610 | 1007 | 0 | |

## CABLE

| ITS SHEET | FROM | TO | CENTER TO CENTER | POWER | | COMMUNICATION | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | 1c#4 | 1c#8 | CAT 6 | 24SM FIBER | 72SM FIBER | |
| ITS04 | P/S | RTMS | 15 | | 111 | | | | |
| ITS04 | RTMS | PB 308 | 867 | | | | 1007 | | |
| ITS04/ITS05 | PB 308 | ITS CABINET | 1239 | | | | 1419 | | |
| ITS05 | P/S | ITS CABINET | 12 | | 102 | | 3160 | | |
| ITS05 | WB CONTROLLER | ITS CABINET | 30 | | | | 170 | | |
| ITS05 | WB CONTROLLER | CCTV | 286 | | | 330 | | | |
| ITS05 | WB CONTROLLER | EB CONTROLLER | 410 | | | | 610 | | |
| ITS05/ITS06 | P/S | RTMS | 1197 | | 3729 | | | | |
| ITS05/ITS06 | EB CONTROLLER | RTMS | 778 | | | | 998 | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | SUB TOTAL | 0 | 3942 | 330 | 7364 | 0 | |
| | | | TOTAL | 0 | 4140 | 350 | 7740 | 0 | INCLUDES 5% FOR SNAKING |

## POWER SUPPLY

| ITS SHEET | APPROACH | STATION | OFFSET | POWER SUPPLY ASSEMBLY | CIRCUIT BREAKER TRIP RATINGS | | | | SERVICE POLE | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | TYPE 2 CABINET | CONTROL CABINET | | POWER SUPPLY DISCONNNECT MAIN BREAKER | | CONTRACT FURNISH | UTILITY COMPANY | |
| | | | | | AUXILIARY BREAKER | ITS CABINET | ITS | LIGHTING | | | |
| ITS04 | I-270 WB | 2752+84 | 65.5' L | 1 | 30 Amps | 40 Amps | 100 Amps | | | | |
| ITS05 | I-270 WB | 2771+87.5 | 203.2' L | 1 | 30 Amps | 40 Amps | 100 Amps | | | | |
| ITS05 | I-270 WB | UIP | UIP | UIP | UIP | UIP | UIP | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | TOTAL | 2 | | | | | | | |

## ITS EQUIPMENT SCHEDULE A

| POST NUMBER | ITS SHEET | COMM SHEET | DEVICE CABINET | APPROACH | STATION | OFFSET | DETECTORS | | CCTV | | POLES | | | CABINETS | | | FOUNDATIONS | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | INSTALL COMMISSION FURNISHED RTMS DETECTOR ASSEMBLY | RELOCATE RTMS DETECTOR ASSEMBLY | INSTALL COMMISSION FURNISHED CCTV CAMERA ASSEMBLY | RELOCATE CCTV CAMERA ASSEMBLY | TYPE AT POLE & BASE 30FT | EXTENSION POLE | RELOCATE 50FT CCTV POLE | TYPE 5 POLE MOUNTED CABINET | RELOCATED TYPE 7 POLE MOUNTED CABINET | RELOCATED TYPE 2 GROUND MOUNTED CABINET | TYPE AT POLE SCREW IN FOUNDATION | 50FT CCTV POLE FOUNDATION EACH | CABINET BASE CONCRETE CU. YD. | |
| 1 | ITS04 | | IS270W034.4D | I-270 WB | 2752+69 | 63.5' L | 1 | | | | 1 | | | 1 | | | 1 | | | |
| 2 | ITS05 | | IS270W035.5C | I-270 WB | 2774+16 | 55' L | | 2 | | 1 | | | 1 | | 1 | | | 1** | | ** SEE STRUCTURAL PLANS FOR DETAILS |
| | ITS05 | | IS270W035.4X | I-270 WB | 2771+78 | 192' L | | | | | | | | | | 1 | | | 2.0 | |
| 3 | ITS05 | | IS270E035.4C | I-270 EB | | | | | 1 | | | 1 | | | | | | | | INSTALLED ON SIGNAL POLE |
| 4 | ITS06 | | IS270E035.6D | I-270 EB | 1779+63 | 60' R | 1 | | | | 1 | | | 1 | | | 1 | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | TOTALS | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 2.0 | |

## ITS EQUIPMENT SCHEDULE B

| POST NUMBER | ITS SHEET | COMM SHEET | DEVICE CABINET | APPROACH | STATION | OFFSET | INSTALL COMMUNICATION EQUIPMENT | | | NETWORK CONNECTIONS | | | | | | | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | INSTALL COMMISSION FURNISHED 3300-8T2S NETWORK SWITCH | INSTALL COMMISSION FURNISHED IE-3300-8S EXPANSION MODULE | RELOCATE EXISTING NETWORK SWITCH | FURNISH & INSTALL SINGLE MODE F.O. FUSION SPLICE | FURNISH & INSTALL SINGLE MODE F.O. PIGTAIL | FURNISH & INSTALL SINGLE MODE F.O. JUMPER PAIR | FURNISH & INSTALL GLC-LX-SM-RGD SFP-GB | FURNISH & INSTALL GLC-LX-SM-RGD SFP - 100 MB | FURNISH & INSTALL RACK MOUNT FIBER ENCLOSURE | FURNISH & INSTALL WALL MOUNT FIBER ENCLOSURE | FURNISH & INSTALL IN-GROUND 24-SPLICE ENCLOSURE | FURNISH & INSTALL IN-GROUND 72-SPLICE ENCLOSURE | |
| 1 | ITS04 | | IS270W034.4D | I-270 WB | 2752+69 | 63.5' L | 1 | | | 4 | 4 | 2 | 2 | | 1 | | | | |
| | ITS04 | | IPB 308 | I-270 WB | U.I.P. | U.I.P. | | | | 6 | | | | | | | | U.I.P. | |
| | ITS05 | | IS270W035.4Z | I-270 WB | | | 1 | | | 26 | 4 | 2 | 2 | | | 1 | | | SIGNAL CABINET (SEE SIGNAL PLANS) |
| | ITS05 | | IS270W035.4X | I-270 WB | 2771+78 | 192' L | 1 | | | 26 | 4 | 2 | 2 | | 1 | | | | |
| | ITS05 | | IS270E035.4Z | I-270 EB | | | 1 | | | 26 | 4 | 2 | 2 | | | 1 | | | SIGNAL CABINET (SEE SIGNAL PLANS) |
| | ITS05 | | IS270W35.5C | I-270 WB | 2774+16 | 55' L | 1 | | | | | | | | | | | | RELOCATED CABINET ON CCTV POLE |
| 4 | ITS06 | | IS270E035.6D | I-270 EB | 1779+63 | 60' R | 1 | | | 4 | 4 | 2 | 2 | | 1 | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | TOTALS | 6 | | | 92 | 20 | 10 | 10 | | 3 | 2 | | | |

PRELIMINARY

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DATE PREPARED 3/17/2022

ROUTE I-270 | STATE MO

DISTRICT SL | SHEET NO. 140

COUNTY ST. LOUIS CITY/ ST. LOUIS

JOB NO. J6I3020C

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

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ST. LOUIS, MO 63141 (LOCATION IN COLUMBIA, IL)
(314) 615-6444
www.cbbinc.com
MISSOURI CERTIFICATE OF AUTHORITY #000291 • EXP DEC 31 2022

I-270 AND RIVERVIEW

ITS PLAN QUANTITIES